

# Energy Laboratories Inc

# ANALYTICAL RUN Summary

09-Mar-22

Run ID GECD.I\_220224A

<b>Run Start Date:</b> 2/24/2022
<b>Analyst:</b> Carry L Tran
<b>Ical:</b>
<b>Column ID:</b> RTX-CLP_0.53
<b>Comments:</b>

Std ID	Std Name	Std Amount	Std Units	Samp Amount	Samp Units	SampType	Expiration Date
SeePrepRecord	Standards Tracked in Prep Batch						2/4/2050

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
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15055418	CAL1-163984	PST-8011-W	CAL1	GECD.IG022422\	2/24/2022 1:48:2	1	163984	2/24/2022 7:	0	0						
<b>Analyte</b>	<b>T</b>	<b>Units</b>	<b>RAW</b>	<b>Final</b>	<b>Text</b>	<b>Spike</b>	<b>SPKref</b>	<b>RPDref</b>	<b>MDL</b>	<b>PQL</b>	<b>UQL</b>	<b>%REC</b>	<b>LOW</b>	<b>HIGH</b>	<b>%RPD</b>	<b>Q</b>
1,2-Dibromoethane	A	ug/L	0.01137	0.01134158		0.01	0	0	0.0025835	0.01	0	113%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.01045	0.01042388		0.01	0	0	0.0056259	0.02	0	104%	60	140	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
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15055419	CAL7-163984	PST-8011-W	CAL7	GECD.IG022422\	2/24/2022 2:07:5	1	163984	2/24/2022 7:	0	0						
<b>Analyte</b>	<b>T</b>	<b>Units</b>	<b>RAW</b>	<b>Final</b>	<b>Text</b>	<b>Spike</b>	<b>SPKref</b>	<b>RPDref</b>	<b>MDL</b>	<b>PQL</b>	<b>UQL</b>	<b>%REC</b>	<b>LOW</b>	<b>HIGH</b>	<b>%RPD</b>	<b>Q</b>
1,2-Dibromoethane	A	ug/L	0.02198	0.02192505		0.02	0	0	0.0025835	0.01	0	110%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.02002	0.01996995		0.02	0	0	0.0056259	0.02	0	100%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
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15055420	CAL2-163984	PST-8011-W	CAL2	GECD.IG022422\	2/24/2022 2:27:5	1	163984	2/24/2022 7:	0	0						
<b>Analyte</b>	<b>T</b>	<b>Units</b>	<b>RAW</b>	<b>Final</b>	<b>Text</b>	<b>Spike</b>	<b>SPKref</b>	<b>RPDref</b>	<b>MDL</b>	<b>PQL</b>	<b>UQL</b>	<b>%REC</b>	<b>LOW</b>	<b>HIGH</b>	<b>%RPD</b>	<b>Q</b>
1,2-Dibromoethane	A	ug/L	0.05472	0.0545832		0.05	0	0	0.0025835	0.01	0	109%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.04879	0.04866803		0.05	0	0	0.0056259	0.02	0	97%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15055421	CAL3-163984	PST-8011-W	CAL3	JECD.IG022422\	2/24/2022 2:47:3	1	163984	2/24/2022 7:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.10632	0.1060542		0.1	0	0	0.0025835	0.01	0	106%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09788	0.0976353		0.1	0	0	0.0056259	0.02	0	98%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15055422	CAL4-163984	PST-8011-W	CAL4	JECD.IG022422\	2/24/2022 3:07:2	1	163984	2/24/2022 7:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.1969	0.19640775		0.2	0	0	0.0025835	0.01	0	98%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.1953	0.19481175		0.2	0	0	0.0056259	0.02	0	97%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15055423	CAL5-163984	PST-8011-W	CAL5	JECD.IG022422\	2/24/2022 3:27:0	1	163984	2/24/2022 7:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.39856	0.3975636		0.4	0	0	0.0025835	0.01	0	99%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.41011	0.40908473		0.4	0	0	0.0056259	0.02	0	102%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15055424	CAL6-163984	PST-8011-W	CAL6	JECD.IG022422\	2/24/2022 3:46:4	1	163984	2/24/2022 7:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	1.00036	0.9978591		1	0	0	0.0025835	0.01	0	100%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.99739	0.99489653		1	0	0	0.0056259	0.02	0	99%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15055425	LCS-163984	PST-8011-W	ICV	JECD.IG022422\	2/24/2022 4:26:2	1	163984	2/24/2022 7:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.2423	0.24169425		0.25	0	0	0.0025835	0.01	0	97%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.10367	0.10341083		0.1	0	0	0.0056259	0.02	0	103%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15055426	CAL3-163984	PST-8011-W	CCV3	JECD.IG022422\	2/24/2022 4:46:1	1	163984	2/24/2022 7:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.10246	0.10220385		0.1	0	0	0.0025835	0.01	0	102%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09414	0.09390465		0.1	0	0	0.0056259	0.02	0	94%	80	120	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15055427	MB-163984	PST-8011-W	MBLK	JECD.IG022422\	2/24/2022 5:06:0	1	163984	2/24/2022 7:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025835	0.005	0	0%	0	0	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.0972	0.096957		0.1	0	0	0.0056259	0.02	0	97%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15055428	LCS-163984	PST-8011-W	LCS-DOD	JECD.IG022422\	2/24/2022 5:25:3	1	163984	2/24/2022 7:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.24299	0.24238253		0.25	0	0	0.0025835	0.01	0	97%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.096	0.09576		0.1	0	0	0.0056259	0.02	0	96%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15055429	LCS1-163984	PST-8011-W	LCS1	JECD.IG022422\	2/24/2022 5:45:2	1	163984	2/24/2022 7:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.10707	0.10680233		0.1	0	0	0.0025835	0.01	0	107%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.10224	0.1019844		0.1	0	0	0.0056259	0.02	0	102%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15055430	B22010745-008	PST-8011-W	SAMP	JECD.IG022422\	2/24/2022 6:24:5	1	163984	2/24/2022 8:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025835	0.01	0	0%	0	0	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.1264	0.126084		0.1	0	0	0.0056259	0.02	0	126%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15055431	B22021435-004	PST-8011-W	SAMP	JECD.I\G022422\	2/24/2022 6:44:4	1	163984	2/24/2022 8:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.09381	0.0919338		0.099	0	0	0.0055272	0.02	0	93%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15055432	B22021435-006	PST-8011-W	SAMP	JECD.I\G022422\	2/24/2022 7:04:3	1	163984	2/24/2022 8:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025835	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.11585	0.11556038		0.099	0	0	0.0056259	0.02	0	117%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15055433	B22021435-010	PST-8011-W	SAMP	JECD.I\G022422\	2/24/2022 7:24:1	1	163984	2/24/2022 8:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.09304	0.0911792		0.098	0	0	0.0055272	0.02	0	93%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15055434	B22021435-012	PST-8011-W	SAMP	JECD.I\G022422\	2/24/2022 7:44:0	1	163984	2/24/2022 8:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.09693	0.0949914		0.098	0	0	0.0055272	0.02	0	97%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15055435	B22021435-015	PST-8011-W	SAMP	JECD.I\G022422\	2/24/2022 8:03:3	1	163984	2/24/2022 8:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.09912	0.0971376		0.098	0	0	0.0055272	0.02	0	99%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15055436	B22021435-017	PST-8011-W	SAMP	JECD.I\G022422\	2/24/2022 8:23:3	1	163984	2/24/2022 8:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.10481	0.1027138		0.098	0	0	0.0055272	0.02	0	105%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15055437	B22021435-020	PST-8011-W	SAMP	JECD.I\G022422\	2/24/2022 8:43:2	1	163984	2/24/2022 8:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025835	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.0962	0.0959595		0.099	0	0	0.0056259	0.02	0	97%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15055438	B22021435-001	PST-8011-W	SAMP	JECD.I\G022422\	2/24/2022 9:02:5	1	163984	2/24/2022 7:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.10096	0.0989408		0.099	0	0	0.0055272	0.02	0	100%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15055439	B22021435-001	PST-8011-W	MS	JECD.I\G022422\	2/24/2022 9:22:5	1	163984	2/24/2022 8:	2E+07	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.24168	0.2368464		0.245	0	0	0.0025382	0.01	0	97%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09651	0.0945798		0.098	0	0	0.0055272	0.02	0	97%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15055440	B22021435-001	PST-8011-W	MSD	JECD.I\G022422\	2/24/2022 9:42:3	1	163984	2/24/2022 8:	2E+07	2E+07						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.2376	0.232848		0.245	0	0.2368464	0.0025382	0.01	0	95%	60	140	2%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09885	0.096873		0.098	0	0	0.0055272	0.02	0	99%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15055441	CAL5-163984	PST-8011-W	CCV4	JECD.IG022422\	2/24/2022 10:22:	1	163984	2/24/2022 7:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.4143	0.41326425		0.4	0	0	0.0025835	0.01	0	103%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.42315	0.42209213		0.4	0	0	0.0056259	0.02	0	106%	80	120	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15055442	B22021435-022	PST-8011-W	SAMP	JECD.IG022422\	2/24/2022 11:01:	1	163984	2/24/2022 8:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.09977	0.0977746		0.098	0	0	0.0055272	0.02	0	100%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15055443	B22021435-025	PST-8011-W	SAMP	JECD.IG022422\	2/24/2022 11:21:	1	163984	2/24/2022 8:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.09831	0.0963438		0.098	0	0	0.0055272	0.02	0	98%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15055444	B22021435-027	PST-8011-W	SAMP	JECD.IG022422\	2/24/2022 11:41:	1	163984	2/24/2022 8:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.11788	0.1155224		0.098	0	0	0.0055272	0.02	0	118%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15055445	B22021435-030	PST-8011-W	SAMP	JECD.IG022422\	2/25/2022 12:00:	1	163984	2/24/2022 8:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025835	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.10728	0.1070118		0.099	0	0	0.0056259	0.02	0	108%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15055446	B22021528-001	PST-8011-W	SAMP	JECD.IVG022422	2/25/2022 1:00:1	1	163984	2/24/2022 8:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.15314	0.1500772		0.099	0	0	0.0055272	0.02	0	152%	70	130	0%	S
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15055447	B22021528-004	PST-8011-W	SAMP	JECD.IVG022422	2/25/2022 1:59:2	1	163984	2/24/2022 8:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.11382	0.1115436		0.098	0	0	0.0055272	0.02	0	114%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15055448	CAL3-163984	PST-8011-W	CCV3	JECD.IVG022422	2/25/2022 2:38:5	1	163984	2/24/2022 7:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.11882	0.11852295		0.1	0	0	0.0025835	0.01	0	119%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.10355	0.10329113		0.1	0	0	0.0056259	0.02	0	103%	80	120	0%	

Write Sequence

Insert Entries(Have the first cell for e

**Data File**

**Sample Name**

G:\org\GECD.i\G022422.b\G0224_001	8011Primer ;0.2ug/L\$PST-8011-W,C4
G:\org\GECD.i\G022422.b\G0224_002	8011Primer ;0.2ug/L\$PST-8011-W,C4
G:\org\GECD.i\G022422.b\G0224_003	8011Primer ;0.1ug/L\$PST-8011-W,C3
G:\org\GECD.i\G022422.b\G0224_004	8011Primer ;0.1ug/L\$PST-8011-W,C3
G:\org\GECD.i\G022422.b\G0224_005	8011Primer ;0.2ug/L\$PST-8011-W,C4
G:\org\GECD.i\G022422.b\G0224_006	Hexane ;
G:\org\GECD.i\G022422.b\G0224_007	CAL1-163984 ;
G:\org\GECD.i\G022422.b\G0224_008	CAL7-163984 ;
G:\org\GECD.i\G022422.b\G0224_009	CAL2-163984 ;
G:\org\GECD.i\G022422.b\G0224_010	CAL3-163984 ;
G:\org\GECD.i\G022422.b\G0224_011	CAL4-163984 ;
G:\org\GECD.i\G022422.b\G0224_012	CAL5-163984 ;
G:\org\GECD.i\G022422.b\G0224_013	CAL6-163984 ;
G:\org\GECD.i\G022422.b\G0224_014	Hexane;;
G:\org\GECD.i\G022422.b\G0224_015	LCS-163984 ;
G:\org\GECD.i\G022422.b\G0224_016	CAL3-163984 ;
G:\org\GECD.i\G022422.b\G0224_017	MB-163984 ;
G:\org\GECD.i\G022422.b\G0224_018	LCS-163984 ;
G:\org\GECD.i\G022422.b\G0224_019	LCS1-163984 ;
G:\org\GECD.i\G022422.b\G0224_020	Hexane;;
G:\org\GECD.i\G022422.b\G0224_021	B22010745-008A ;\$PST-8011-W,
G:\org\GECD.i\G022422.b\G0224_022	B22021435-004A ;\$PST-8011-W,
G:\org\GECD.i\G022422.b\G0224_023	B22021435-006H ;\$PST-8011-W,
G:\org\GECD.i\G022422.b\G0224_024	B22021435-010A ;\$PST-8011-W,
G:\org\GECD.i\G022422.b\G0224_025	B22021435-012H ;\$PST-8011-W,
G:\org\GECD.i\G022422.b\G0224_026	B22021435-015A ;\$PST-8011-W,
G:\org\GECD.i\G022422.b\G0224_027	B22021435-017H ;\$PST-8011-W,
G:\org\GECD.i\G022422.b\G0224_028	B22021435-020A ;\$PST-8011-W,
G:\org\GECD.i\G022422.b\G0224_029	B22021435-001H ;\$PST-8011-W,
G:\org\GECD.i\G022422.b\G0224_030	B22021435-001HMS ;\$PST-8011-W,
G:\org\GECD.i\G022422.b\G0224_031	B22021435-001HMSD ;\$PST-8011-W,
G:\org\GECD.i\G022422.b\G0224_032	Hexane;;
G:\org\GECD.i\G022422.b\G0224_033	CAL5-163984 ;
G:\org\GECD.i\G022422.b\G0224_034	Hexane;;
G:\org\GECD.i\G022422.b\G0224_035	B22021435-022H ;\$PST-8011-W,
G:\org\GECD.i\G022422.b\G0224_036	B22021435-025A ;\$PST-8011-W,
G:\org\GECD.i\G022422.b\G0224_037	B22021435-027H ;\$PST-8011-W,
G:\org\GECD.i\G022422.b\G0224_038	B22021435-030A ;\$PST-8011-W,
G:\org\GECD.i\G022422.b\G0224_039	B22021435-032H ;\$PST-8011-W,
G:\org\GECD.i\G022422.b\G0224_040	B22021435-035A ;\$PST-8011-W,
G:\org\GECD.i\G022422.b\G0224_041	B22021528-001C ;\$PST-8011-W,
G:\org\GECD.i\G022422.b\G0224_042	B22021528-002C ;\$PST-8011-W,
G:\org\GECD.i\G022422.b\G0224_043	B22021528-003C ;\$PST-8011-W,



G:\org\GECD.i\G022422.b\G0224_044	B22021528-004C ;\$PST-8011-W,
G:\org\GECD.i\G022422.b\G0224_045	Hexane;;
G:\org\GECD.i\G022422.b\G0224_046	CAL3-163984 ;
G:\org\GECD.i\G022422.b\G0224_047	8011Primer ;0.2ug/L\$PST-8011-W,C4
G:\org\GECD.i\G022422.b\G0224_048	8011Primer ;0.2ug/L\$PST-8011-W,C4
G:\org\GECD.i\G022422.b\G0224_049	8011Primer ;0.1ug/L\$PST-8011-W,C3
G:\org\GECD.i\G022422.b\G0224_050	8011Primer ;0.1ug/L\$PST-8011-W,C3
G:\org\GECD.i\G022422.b\G0224_051	8011Primer ;0.2ug/L\$PST-8011-W,C4
G:\org\GECD.i\G022422.b\G0224_052	Hexane ;
G:\org\GECD.i\G022422.b\G0224_053	CAL3-163984 ;
G:\org\GECD.i\G022422.b\G0224_054	Hexane ;
G:\org\GECD.i\G022422.b\G0224_055	B22021435-032H ;\$PST-8011-W,
G:\org\GECD.i\G022422.b\G0224_056	B22021435-035A ;\$PST-8011-W,
G:\org\GECD.i\G022422.b\G0224_057	B22021528-001C ;\$PST-8011-W,
G:\org\GECD.i\G022422.b\G0224_058	B22021528-002C ;\$PST-8011-W,
G:\org\GECD.i\G022422.b\G0224_059	B22021528-003C ;\$PST-8011-W,
G:\org\GECD.i\G022422.b\G0224_060	B22021528-004C ;\$PST-8011-W,
G:\org\GECD.i\G022422.b\G0224_061	Hexane ;
G:\org\GECD.i\G022422.b\G0224_062	CAL5-163984 ;
G:\org\GECD.i\G022422.b\G0224_063	
G:\org\GECD.i\G022422.b\G0224_064	
G:\org\GECD.i\G022422.b\G0224_065	
G:\org\GECD.i\G022422.b\G0224_066	
G:\org\GECD.i\G022422.b\G0224_067	
G:\org\GECD.i\G022422.b\G0224_068	
G:\org\GECD.i\G022422.b\G0224_069	
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G:\org\GECD.i\G022422.b\G0224_071	
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G:\org\GECD.i\G022422.b\G0224_087	
G:\org\GECD.i\G022422.b\G0224_088	
G:\org\GECD.i\G022422.b\G0224_089	

# Quantitative Analysis Results Summary Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\QuantResults\G022422_8011_W_CLT.batch.bin	<b>Analyst Name</b>	BL2000\ctran
<b>Analysis Time</b>	2/25/2022 2:31 PM	<b>Reporter Name</b>	BL2000\srcocx
<b>Report Time</b>	3/9/2022 2:59:37 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	2/25/2022 8:11 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

## Sequence Table

Data File	sample Name	Sample Type	Vial Position	Inj Vol	Level	Acq Method File
G0224_007.0007.D	CAL1-163984	CC		0	1	testAcqFileNamePath
G0224_008.0008.D	CAL7-163984	CC		0	7	testAcqFileNamePath
G0224_009.0009.D	CAL2-163984	CC		0	2	testAcqFileNamePath
G0224_010.0010.D	CAL3-163984	CC		0	3	testAcqFileNamePath
G0224_011.0011.D	CAL4-163984	CC		0	4	testAcqFileNamePath
G0224_012.0012.D	CAL5-163984	CC		0	5	testAcqFileNamePath
G0224_013.0013.D	CAL6-163984	CC		0	6	testAcqFileNamePath
G0224_015.0015.D	LCS-163984	QC		0	LCS	testAcqFileNamePath
G0224_017.0017.D	MB-163984	MethodBlank		0		testAcqFileNamePath

## Quantitation Results

### Compound: 1,2-Dibromoethane

Data File	Sample Type	RT	Resp	Final Conc	Exp. Conc	Accuracy
G0224_007.0007.D	CC	3.453	1929	0.0114	0.0100	113.7
G0224_008.0008.D	CC	3.453	3724	0.0220	0.0200	109.9
G0224_009.0009.D	CC	3.453	9221	0.0547	0.0500	109.4
G0224_010.0010.D	CC	3.453	17768	0.1063	0.1000	106.3
G0224_011.0011.D	CC	3.451	32418	0.1969	0.2000	98.4
G0224_012.0012.D	CC	3.450	63436	0.3986	0.4000	99.6
G0224_013.0013.D	CC	3.449	142853	1.0004	1.0000	100.0
G0224_015.0015.D	QC	3.449	39595	0.2423	0.2500	96.9
G0224_017.0017.D	Blank	3.442	0	ND		

### Compound: 1,1,1,2-Tetrachloroethane

Data File	Sample Type	RT	Resp	Final Conc	Exp. Conc	Accuracy
G0224_007.0007.D	CC	3.978	1386	0.0105	0.0100	104.5
G0224_008.0008.D	CC	3.976	4766	0.0200	0.0200	100.1
G0224_009.0009.D	CC	3.975	14968	0.0488	0.0500	97.6
G0224_010.0010.D	CC	3.974	32499	0.0979	0.1000	97.9
G0224_011.0011.D	CC	3.973	67779	0.1953	0.2000	97.6
G0224_012.0012.D	CC	3.973	147845	0.4101	0.4000	102.5
G0224_013.0013.D	CC	3.971	382731	0.9974	1.0000	99.7
G0224_015.0015.D	QC	3.973	34577	0.1037	0.1000	103.7
G0224_017.0017.D	Blank	3.970	32257	0.0972		

## Initial Calibration Report - WJB



Method Path            \\MASSHUNTER\Org\Data\GECD.I\GECD\_methods  
 Method File            G022422\_8011\_W\_CLT.m  
 Batch Name             \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\QuantResults\G022422\_8011\_W\_CLT\_batch.bin  
 Last Calib Update     2/25/2022 8:11:20 AM

Level Name	Calibration Files	Acq. Date-Time	Level Last Update Time
1	\\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_007.0007.D	2/24/2022 1:48:23 PM	2/25/2022 8:11:20 AM
7	\\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_008.0008.D	2/24/2022 2:07:59 PM	2/25/2022 8:11:20 AM
2	\\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_009.0009.D	2/24/2022 2:27:56 PM	2/25/2022 8:11:20 AM
3	\\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_010.0010.D	2/24/2022 2:47:36 PM	2/25/2022 8:11:20 AM
4	\\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_011.0011.D	2/24/2022 3:07:26 PM	2/25/2022 8:11:20 AM
5	\\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_012.0012.D	2/24/2022 3:27:03 PM	2/25/2022 8:11:20 AM
6	\\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_013.0013.D	2/24/2022 3:46:49 PM	2/25/2022 8:11:20 AM

Compound	Curve Fit	1	7	2	3	4	5	6	Avg RF	%RSD
M 1,2-Dibromoethane	Quadratic	193088	186099	180413	177678	162092	158591	142853	171545	10.298
S 1,1,1,2-Tetrachloroethane	Quadratic	138646	238314	299357	324992	338896	369613	382731	298936	28.536

(RedFont and #) = Outlier Flag; (I) = Internal Standard; (T) = Target; (S) = Surrogate; (M) = Matrix Spike

## Initial Calibration Report - WJB



Compounds with Curve fitting not using Avg Response Factor:

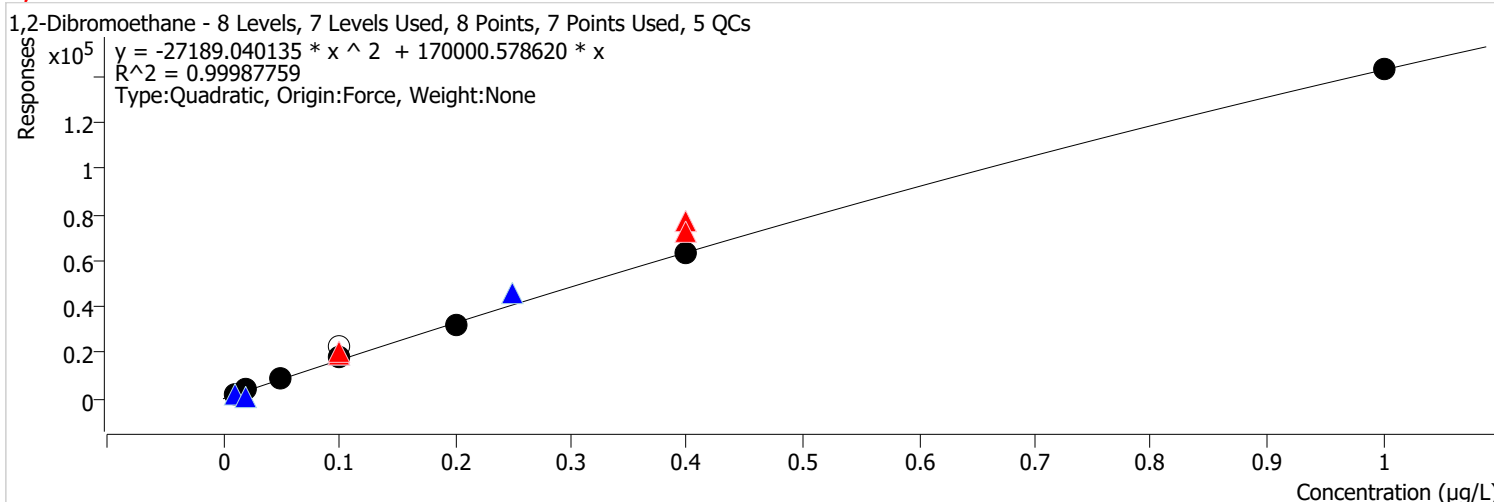
Compound	Curve Fit	Curve Fit Formula	Curve Fit R2
M 1,2-Dibromoethane	Quadratic	$y = -27189.040135 * x^2 + 170000.578620 * x$	0.999878
S 1,1,1,2-Tetrachloroethane	Quadratic	$y = 33932.728826 * x^2 + 352192.061697 * x - 2298.119678$	0.999702

(RedFont and #) = Outlier Flag; (I) = Internal Standard; (T) = Target; (S) = Surrogate; (M) = Matrix Spike

# Calibration Report

<b>Batch Path</b>	\\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\QuantResults\G022422_8011_W_CLT.batch.bin	<b>Analyst Name</b>	BL2000\ctran
<b>Analysis Time</b>	2/25/2022 2:31 PM	<b>Reporter Name</b>	BL2000\srcox
<b>Report Time</b>	3/9/2022 3:14:43 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	2/25/2022 8:11 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**1,2-Dibromoethane %RSE =**

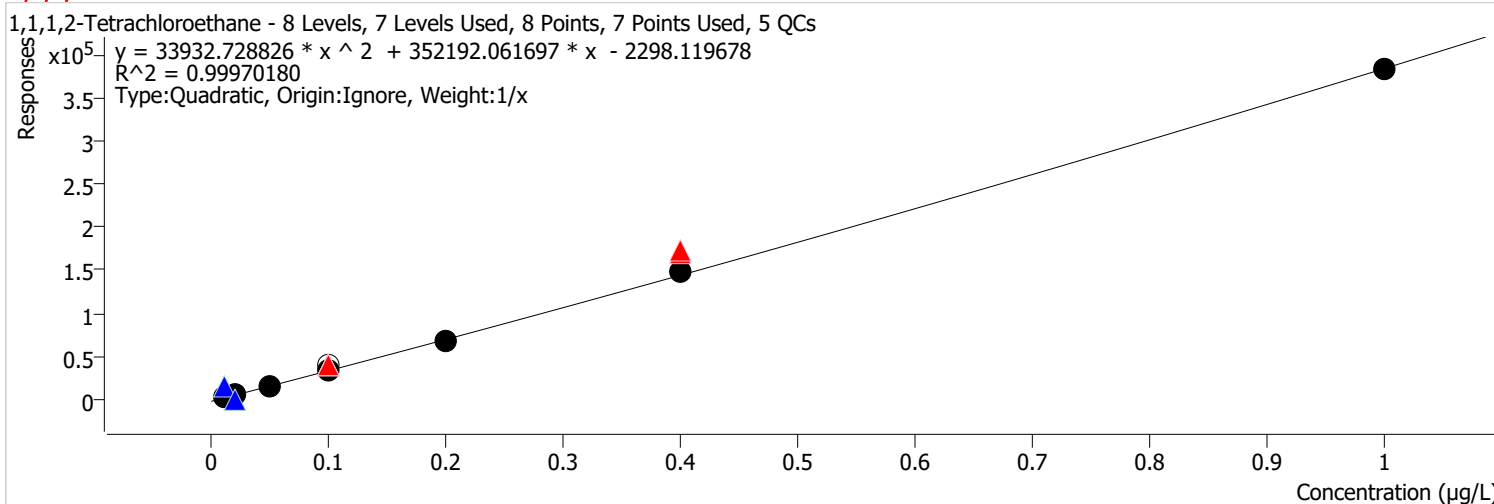


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\GECD.I\G092121\aiexport\G0921_026.0026.D	QC	1	x	1707	0.0100	170728.9447	
\\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_007.0007.D	Calibration	1	x	1931	0.0100	193088.4351	
D:\Org\Data\GECD.I\G091321\aiexport\G0913_018.0018.D	QC	7	x	1335	0.0200	66739.7425	
\\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_008.0008.D	Calibration	7	x	3722	0.0200	186099.2670	
\\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_009.0009.D	Calibration	2	x	9021	0.0500	180413.4200	
\\MASSHUNTER\Org\Data\GECD.I\G111820\aiexport\G1118_016.0016.D	Calibration	CC3		22970	0.1000		
D:\Org\Data\GECD.I\G081021\aiexport\G0810_016.0016.D	QC	CC3		21004	0.1000	210042.4247	
D:\Org\Data\GECD.I\G122121\aiexport\G1221_061.0061.D	CC	CC3		19101	0.1000	191007.5606	
\\MASSHUNTER\Org\Data\GECD.I\G020922\aiexport\G0209_053.0053.D	CC	3	x	19066	0.1000	190664.4764	
\\MASSHUNTER\Org\Data\GECD.I\G020922\aiexport\G0209_030.0030.D	QC	LCS1	x	19195	0.1000	191949.8990	
\\MASSHUNTER\Org\Data\GECD.I\G020922\aiexport\G0209_027.0027.D	CC	3	x	20905	0.1000	209045.9250	
\\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_010.0010.D	Calibration	3	x	17768	0.1000	177677.8324	
\\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_011.0011.D	Calibration	4	x	32418	0.2000	162091.7968	
\\MASSHUNTER\Org\Data\GECD.I\G020922\aiexport\G0209_029.0029.D	QC	LCS	x	46496	0.2500	185984.9936	
D:\Org\Data\GECD.I\G122121\aiexport\G1221_074.0074.D	CC	CC5	x	77330	0.4000	193324.5351	
\\MASSHUNTER\Org\Data\GECD.I\G020922\aiexport\G0209_044.0044.D	CC	5	x	72089	0.4000	180222.6846	
\\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_012.0012.D	Calibration	5	x	63436	0.4000	158590.6926	
\\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_013.0013.D	Calibration	6	x	142853	1.0000	142853.4754	

# Calibration Report

Batch Path	\\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\QuantResults\G022422_8011_W_CLT.batch.bin	Analyst Name	BL2000\ctran
Analysis Time	2/25/2022 2:31 PM	Reporter Name	BL2000\srcox
Report Time	3/9/2022 3:14:47 PM	Batch State	Processed
Last Calib Update	2/25/2022 8:11 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

**1,1,1,2-Tetrachloroethane %RSE =**

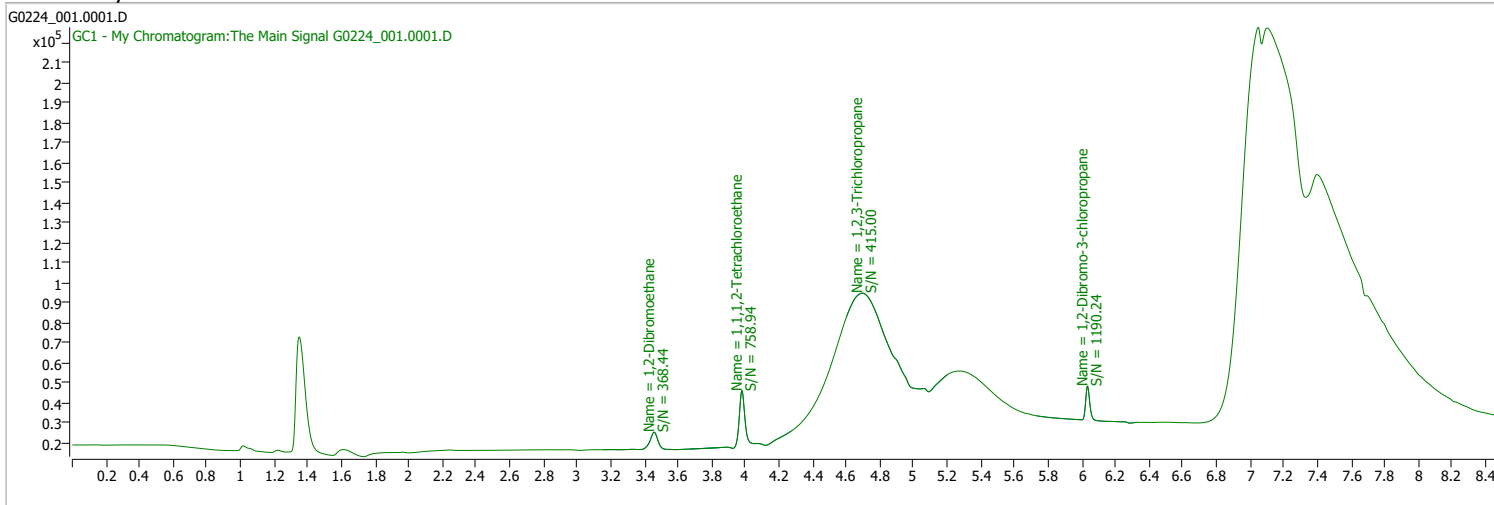


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\GECD.I\G092121\aiexport\G0921_026.0026.D	QC	1	x	15026	0.0100	1502610.5883	
\\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_007.0007.D	Calibration	1	x	1386	0.0100	138645.5392	
D:\Org\Data\GECD.I\G091321\aiexport\G0913_018.0018.D	QC	7	x	686	0.0200	34275.7771	
\\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_008.0008.D	Calibration	7	x	4766	0.0200	238314.4042	
\\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_009.0009.D	Calibration	2	x	14968	0.0500	299356.9329	
\\MASSHUNTER\Org\Data\GECD.I\G111820\aiexport\G1118_016.0016.D	Calibration	CC3		41065	0.1000		
D:\Org\Data\GECD.I\G081021\aiexport\G0810_016.0016.D	QC	CC3		42481	0.1000	424813.5788	
D:\Org\Data\GECD.I\G122121\aiexport\G1221_061.0061.D	CC	CC3		29228	0.1000	292276.2189	
\\MASSHUNTER\Org\Data\GECD.I\G020922\aiexport\G0209_053.0053.D	CC	3	x	38726	0.1000	387264.2087	
\\MASSHUNTER\Org\Data\GECD.I\G020922\aiexport\G0209_030.0030.D	QC	LCS1	x	41151	0.1000	411505.5261	
\\MASSHUNTER\Org\Data\GECD.I\G020922\aiexport\G0209_029.0029.D	QC	LCS	x	40669	0.1000	406691.2911	
\\MASSHUNTER\Org\Data\GECD.I\G020922\aiexport\G0209_027.0027.D	CC	3	x	40786	0.1000	407855.1467	
\\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_010.0010.D	Calibration	3	x	32499	0.1000	324992.1899	
\\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_011.0011.D	Calibration	4	x	67779	0.2000	338895.8219	
D:\Org\Data\GECD.I\G122121\aiexport\G1221_074.0074.D	CC	CC5	x	169695	0.4000	424236.9956	
\\MASSHUNTER\Org\Data\GECD.I\G020922\aiexport\G0209_044.0044.D	CC	5	x	172872	0.4000	432180.2832	
\\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_012.0012.D	Calibration	5	x	147845	0.4000	369612.9718	
\\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_013.0013.D	Calibration	6	x	382731	1.0000	382731.2699	

# Quantitation Results Report (QT Reviewed)

Data File	G0224_001.0001.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 11:49:39 AM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

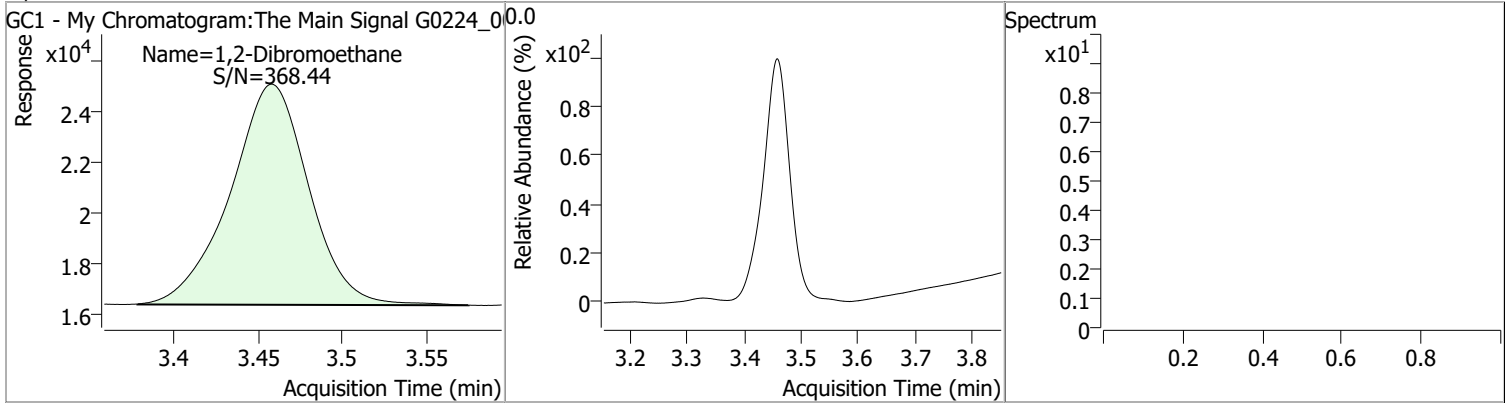


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.979	0.0	59458	0.1725	µg/L	0.005
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 172.48%	*	
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.458	0.0	28196	0.1705	µg/L	QValue 100

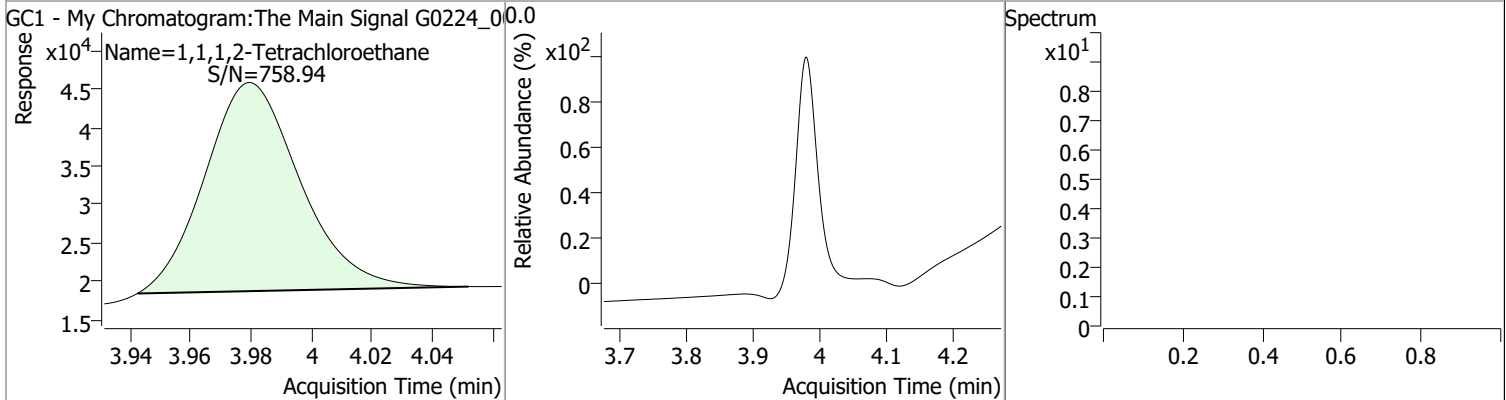
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.1705	3.46	0.01	28196				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1725	3.98	0.00	59458				

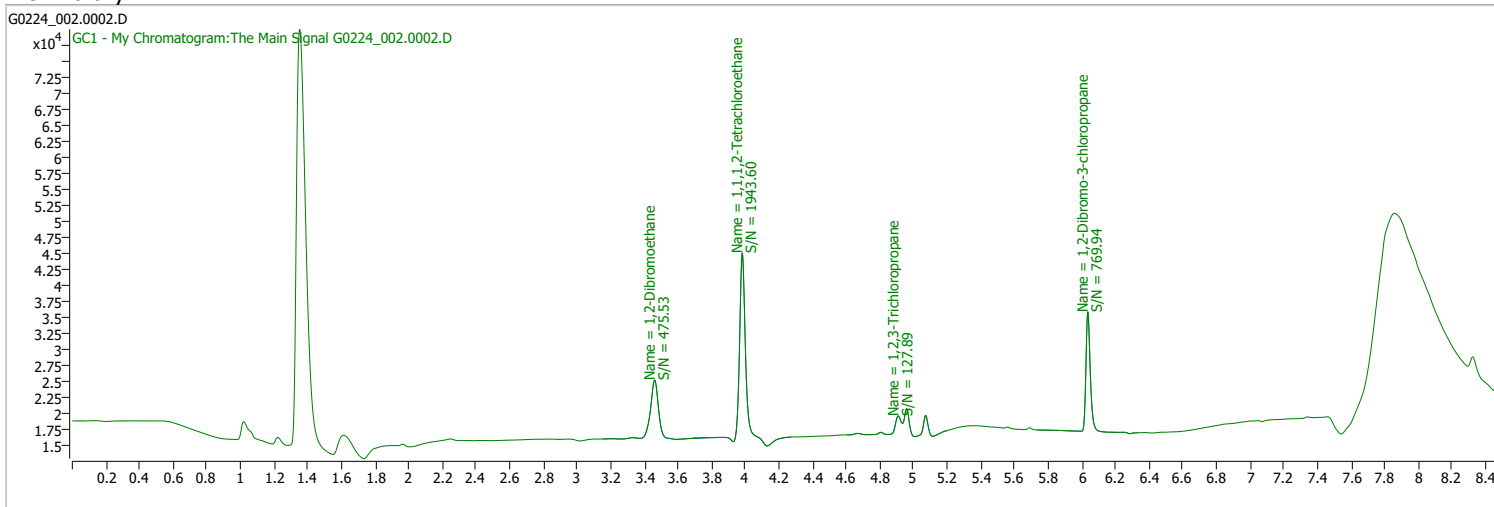




# Quantitation Results Report (QT Reviewed)

Data File	G0224_002.0002.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 12:09:33 PM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

**System Monitoring Compounds**

S 1,1,1,2-Tetrachloroethane	3.982	0.0	72998	0.2096	µg/L	0.007
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 209.56%	*	

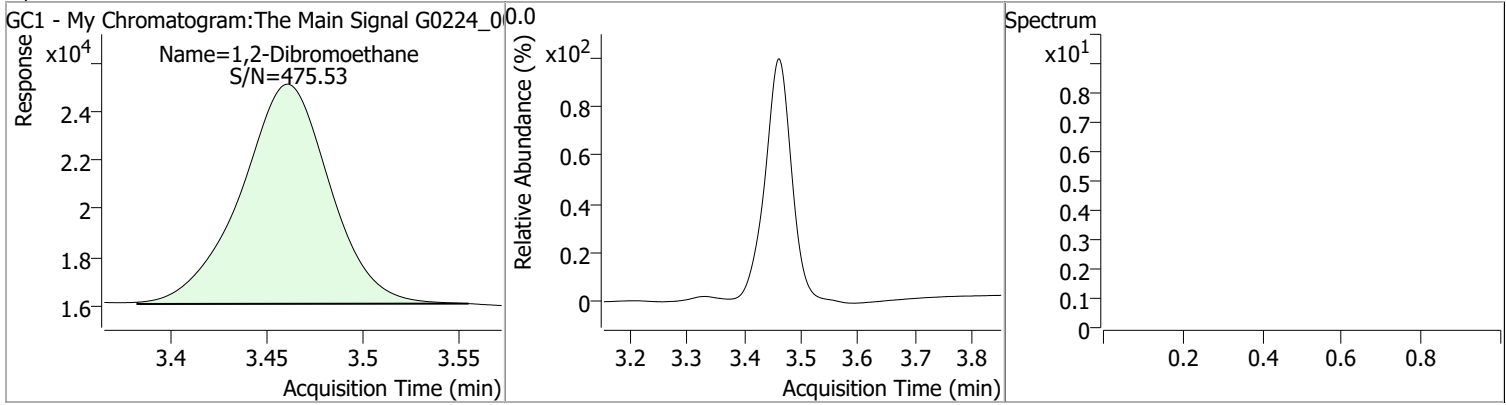
**Target Compounds**

M 1,2-Dibromoethane	3.462	0.0	29601	0.1793	µg/L	<b>QValue</b> 100
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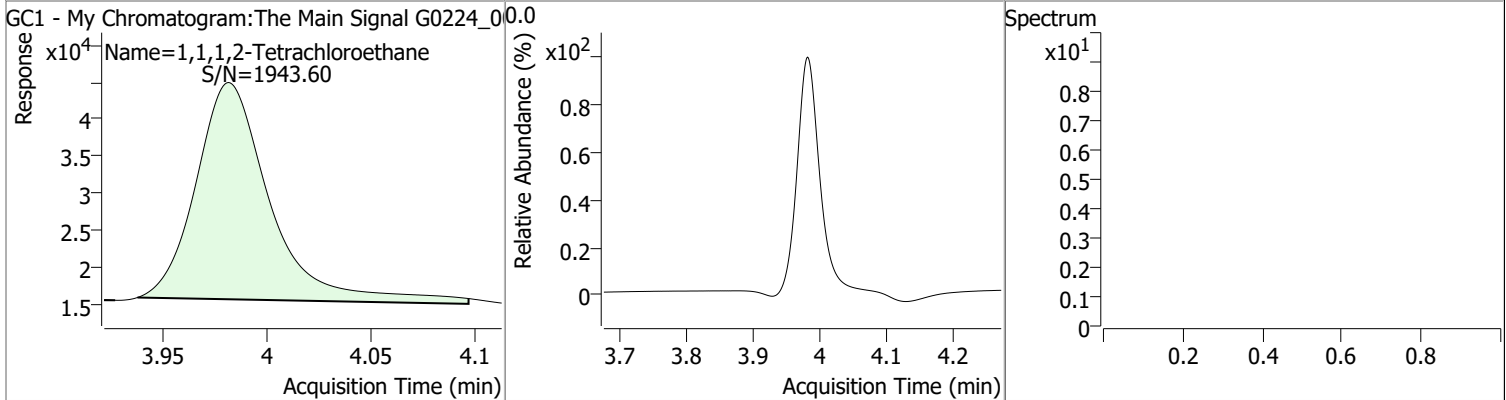
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.1793	3.46	0.01	29601				



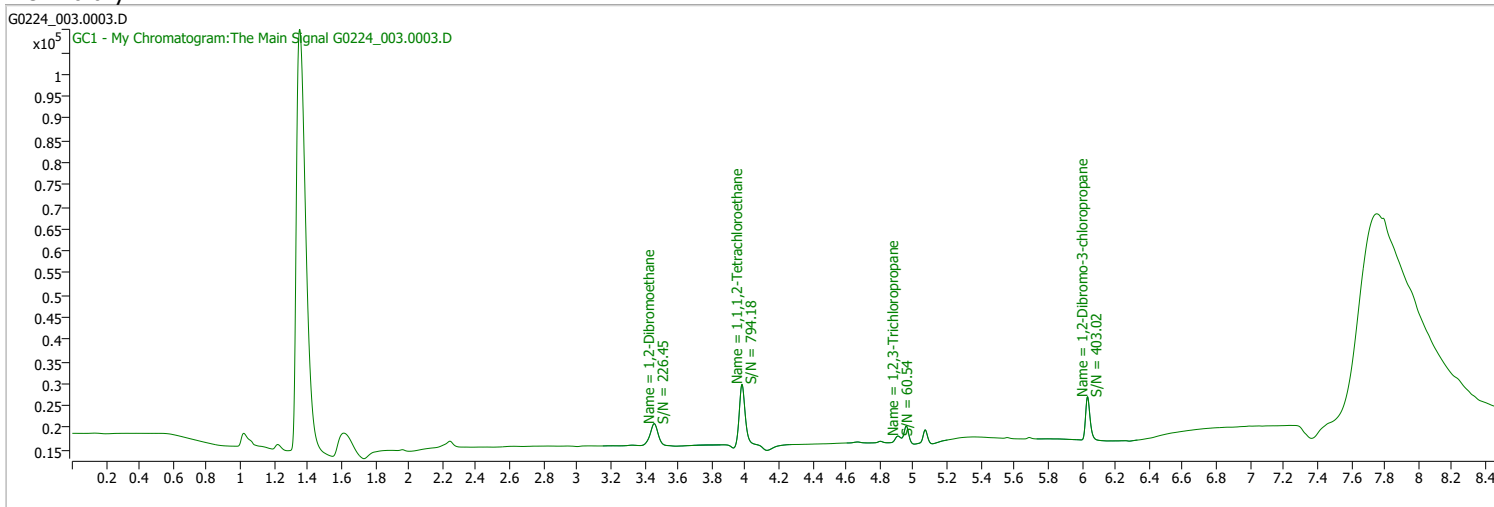
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.2096	3.98	0.01	72998				



# Quantitation Results Report (QT Reviewed)

Data File	G0224_003.0003.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 12:29:09 PM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

**System Monitoring Compounds**

S 1,1,1,2-Tetrachloroethane	3.980	0.0	37683	0.1123	µg/L	0.006
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 112.30%		

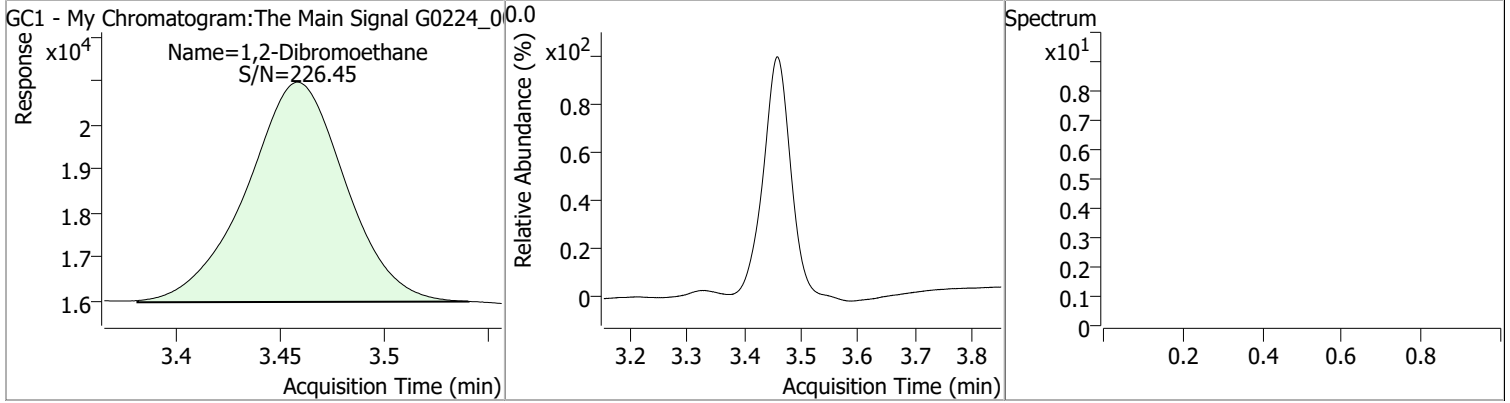
**Target Compounds**

M 1,2-Dibromoethane	3.458	0.0	16538	0.0988	µg/L	<b>QValue</b> 100
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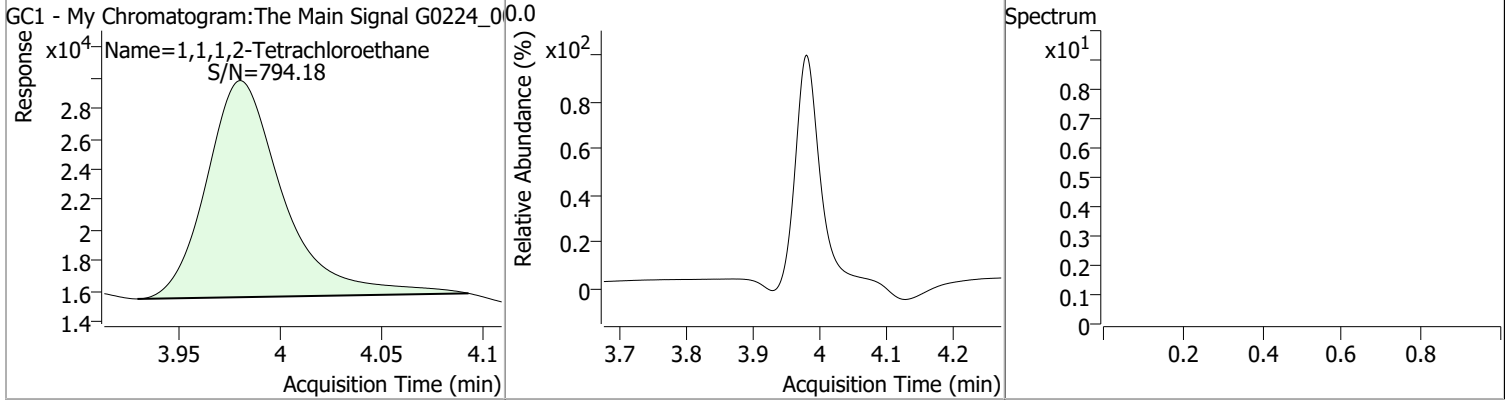
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.0988	3.46	0.01	16538				



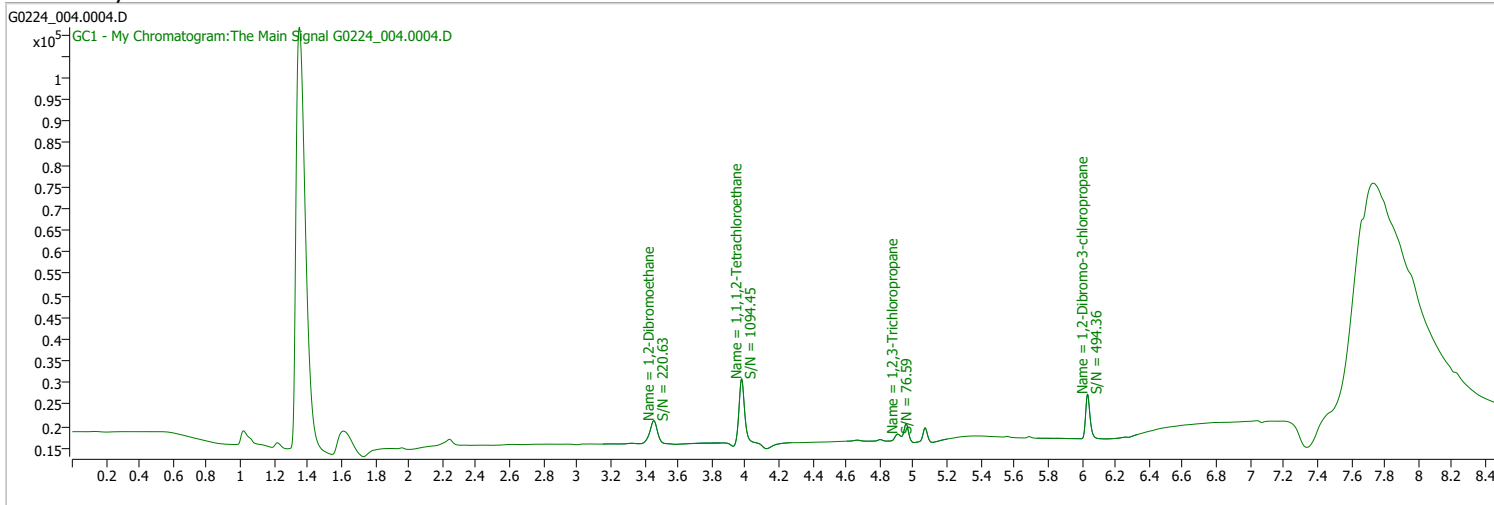
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1123	3.98	0.01	37683				



# Quantitation Results Report (QT Reviewed)

Data File	G0224_004.0004.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 12:48:50 PM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

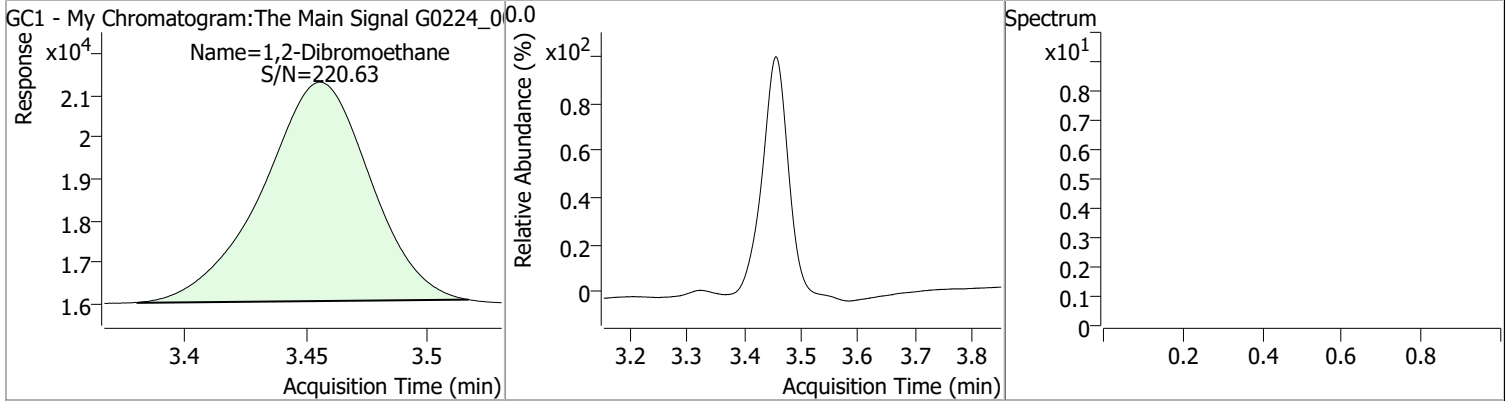


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.978	0.0	42967	0.1270	µg/L	0.003
Spiked Amount: 0.100				Range: 70.0 - 130.0% Recovery = 126.97%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.456	0.0	16263	0.0972	µg/L	QValue 100

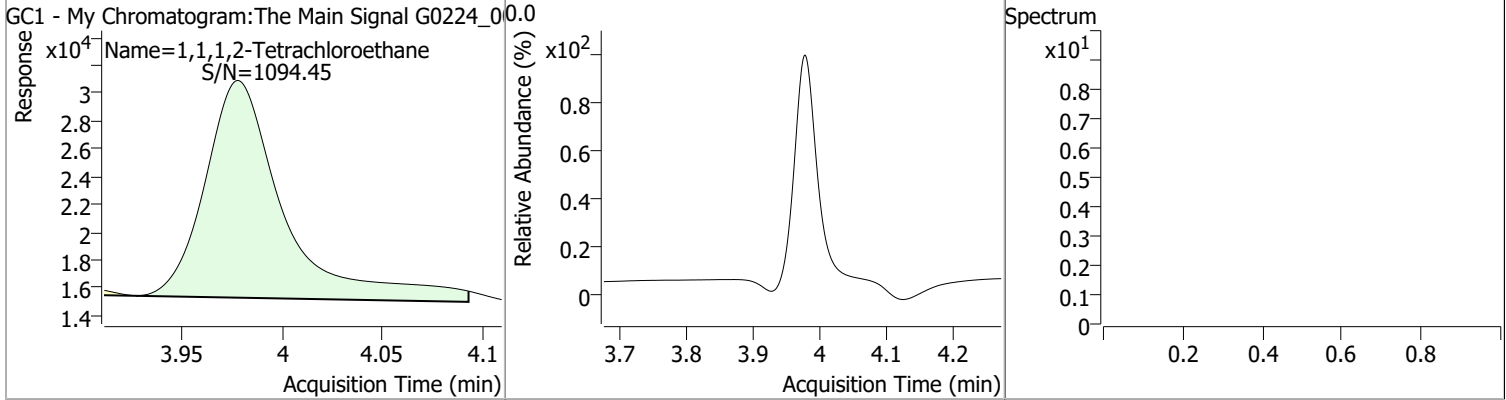
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.0972	3.46	0.00	16263				



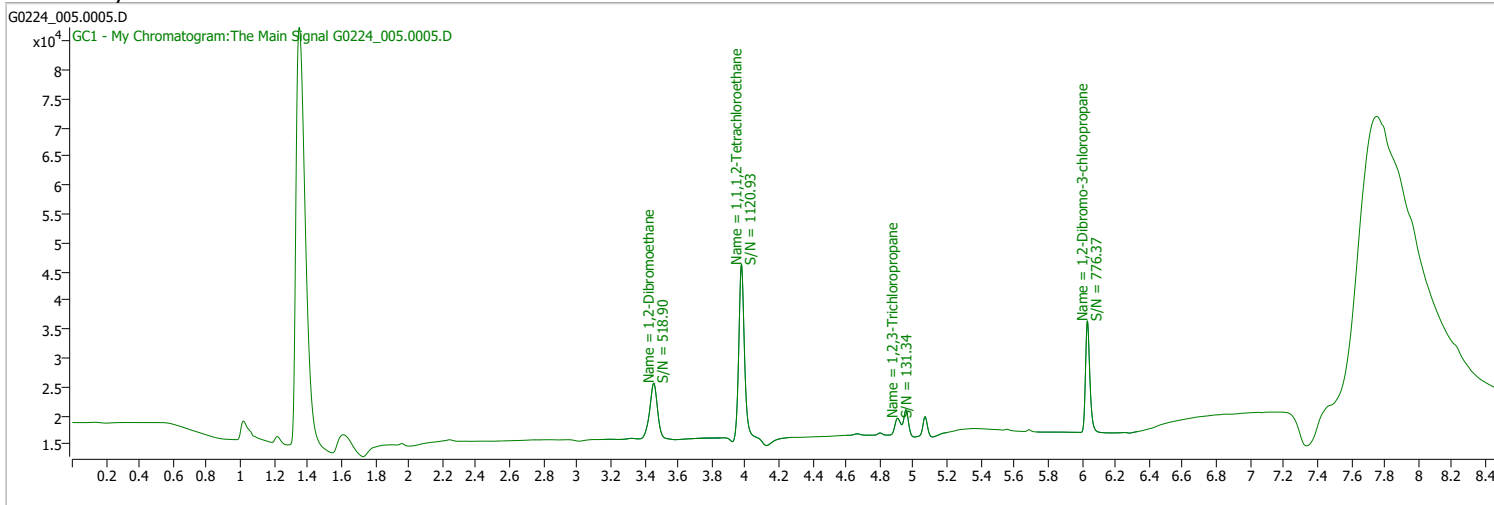
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1270	3.98	0.00	42967				



# Quantitation Results Report (QT Reviewed)

Data File	G0224_005.0005.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 1:08:43 PM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

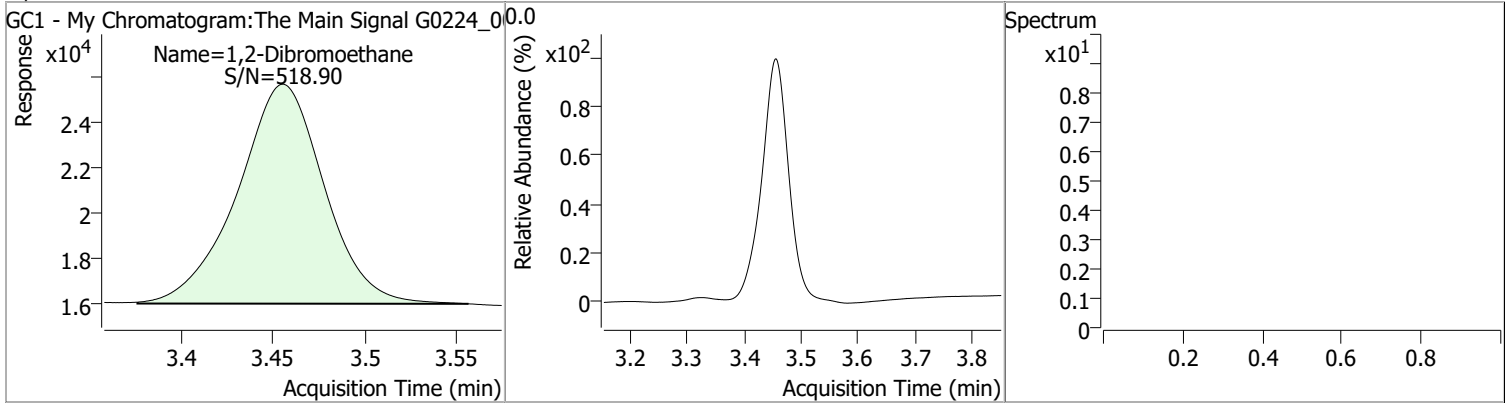


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.977	0.0	73579	0.2111	µg/L	0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 211.15%	*	
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.456	0.0	31788	0.1929	µg/L	QValue 100

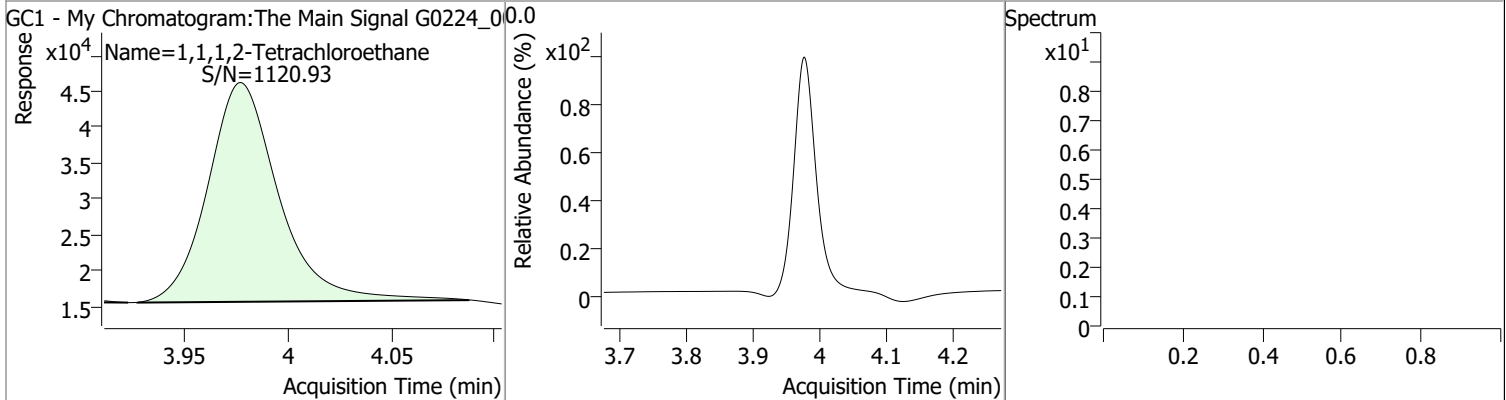
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.1929	3.46	0.00	31788				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.2111	3.98	0.00	73579				

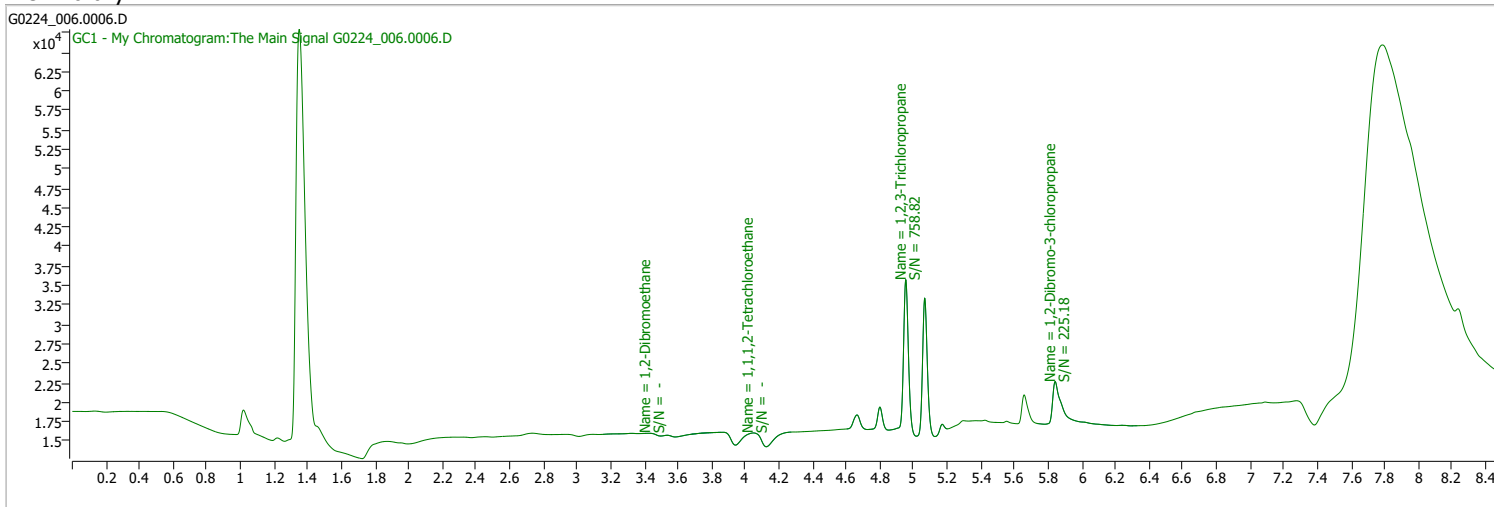




# Quantitation Results Report (QT Reviewed)

Data File	G0224_006.0006.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 1:28:34 PM
Sample Name	Hexane	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

**System Monitoring Compounds**

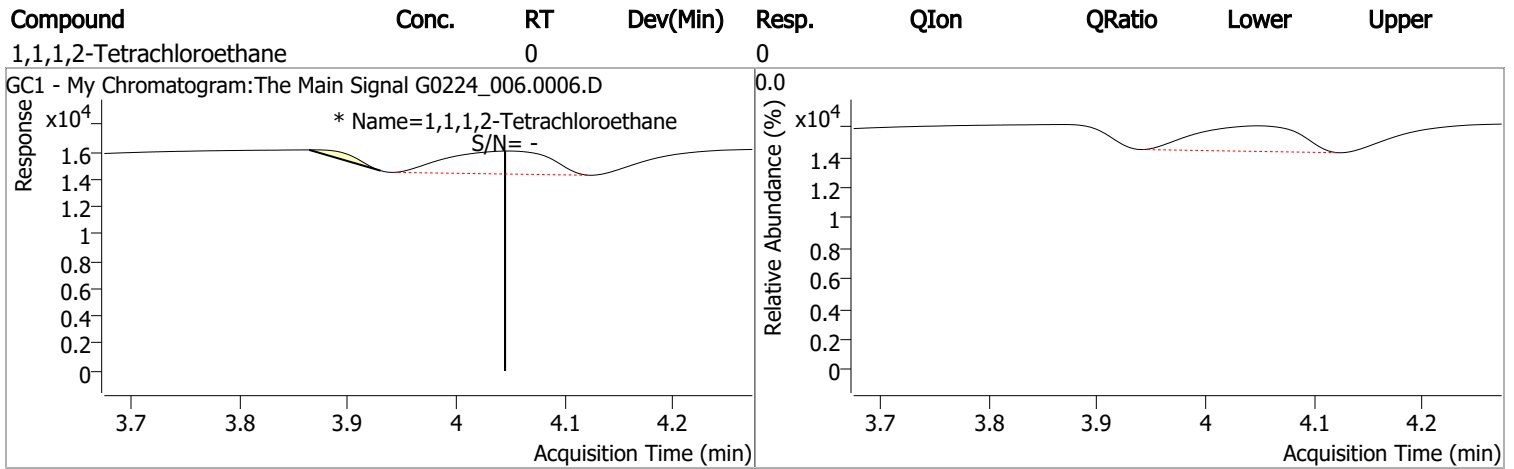
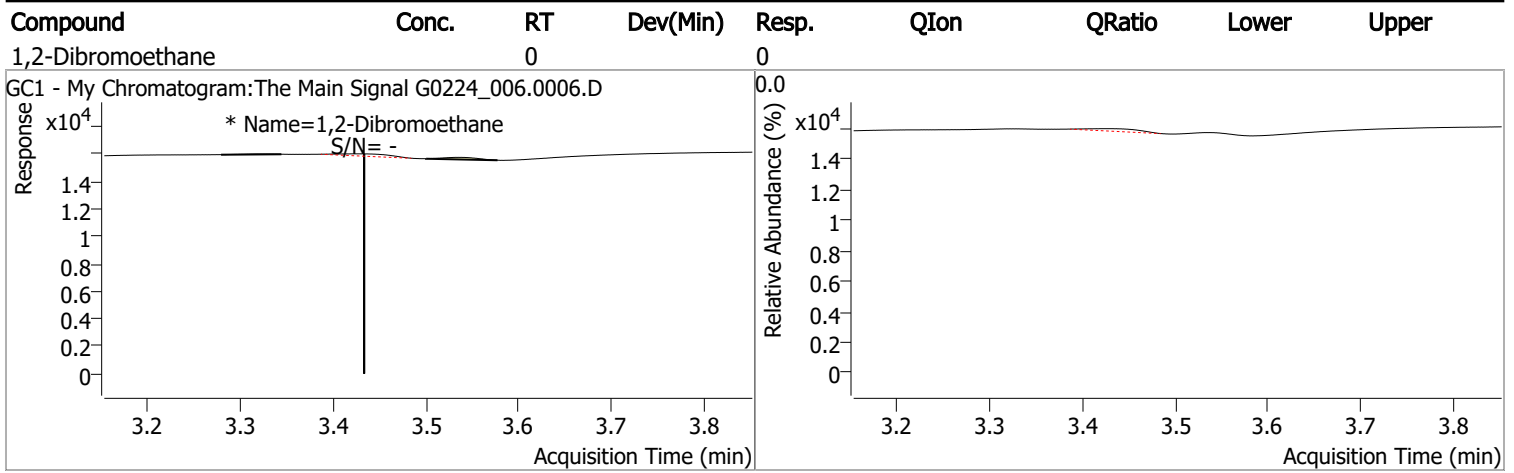
S 1,1,1,2-Tetrachloroethane	4.045	0.0	0		µg/L	md	0.071
Spiked Amount: 0.100	Range: 70.0 - 130.0%				Recovery = NA%		

**Target Compounds**

M 1,2-Dibromoethane	3.433	0.0	0		µg/L	md	<b>QValue</b> 1
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(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

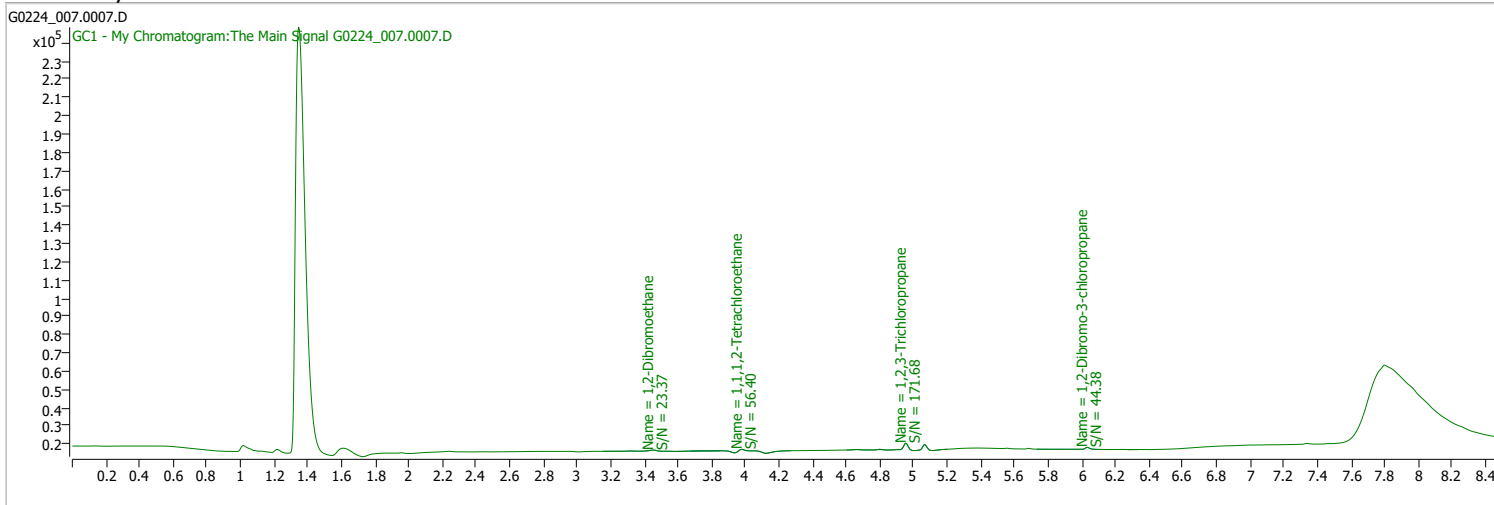
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0224_007.0007.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 1:48:23 PM
Sample Name	CAL1-163984	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

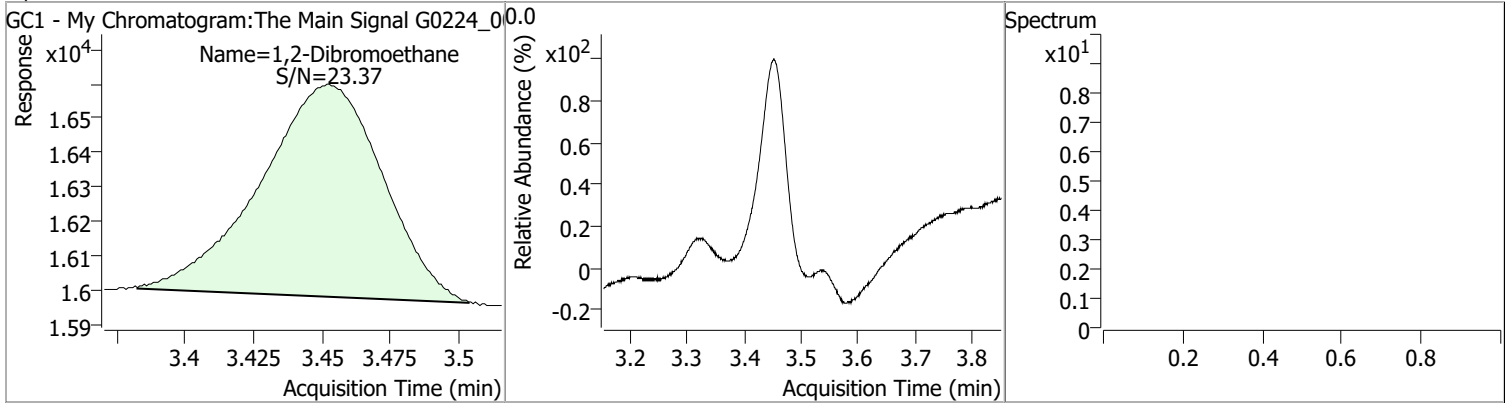


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)	QValue
<b>Internal Standards</b>							
<b>System Monitoring Compounds</b>							
S 1,1,1,2-Tetrachloroethane	3.978	0.0	1386	0.0105	µg/L	m	0.004
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 10.45%		*	
<b>Target Compounds</b>							
M 1,2-Dibromoethane	3.453	0.0	1929	0.0114	µg/L		100

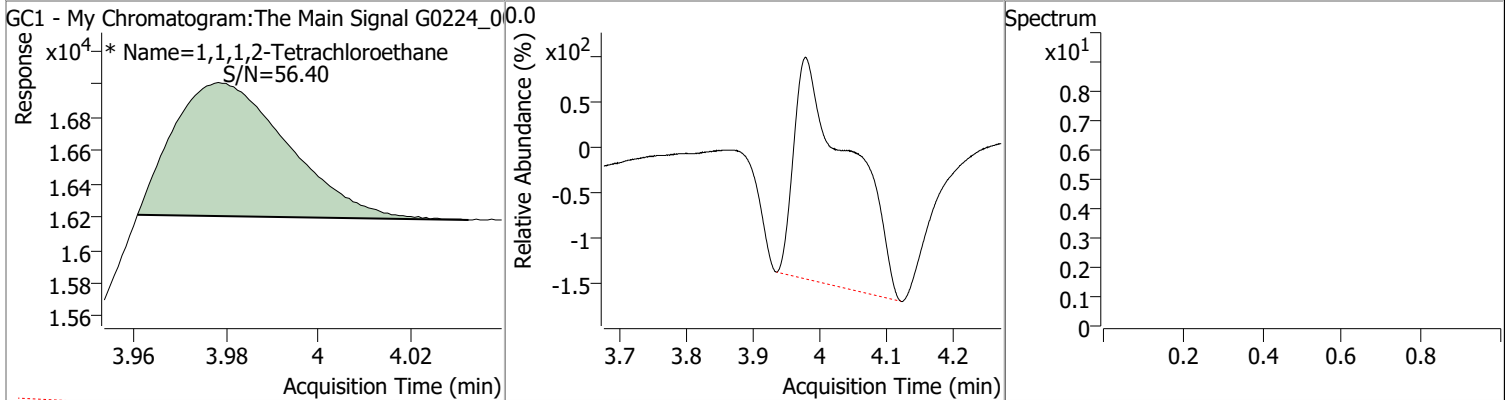
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.0114	3.45	0.00	1929				



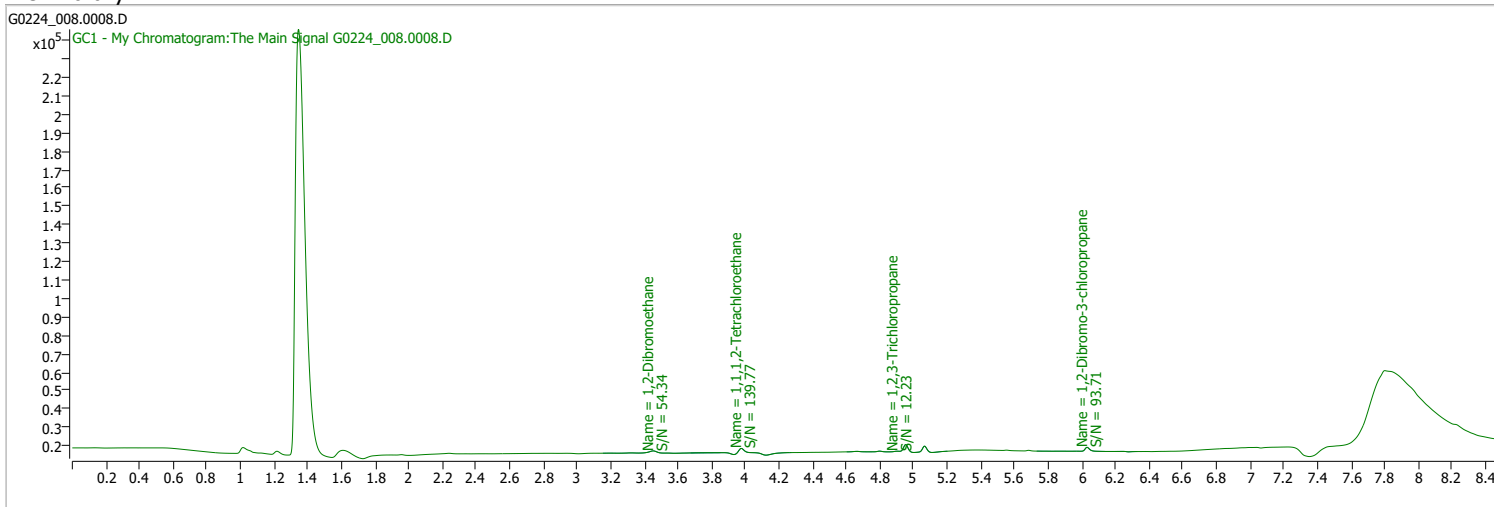
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0105	3.98	0.00	1386 (m)				



# Quantitation Results Report (QT Reviewed)

Data File	G0224_008.0008.D	Operator	
Acq. Method	testAcqFilePath	Acq. Date-Time	2/24/2022 2:07:59 PM
Sample Name	CAL7-163984	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

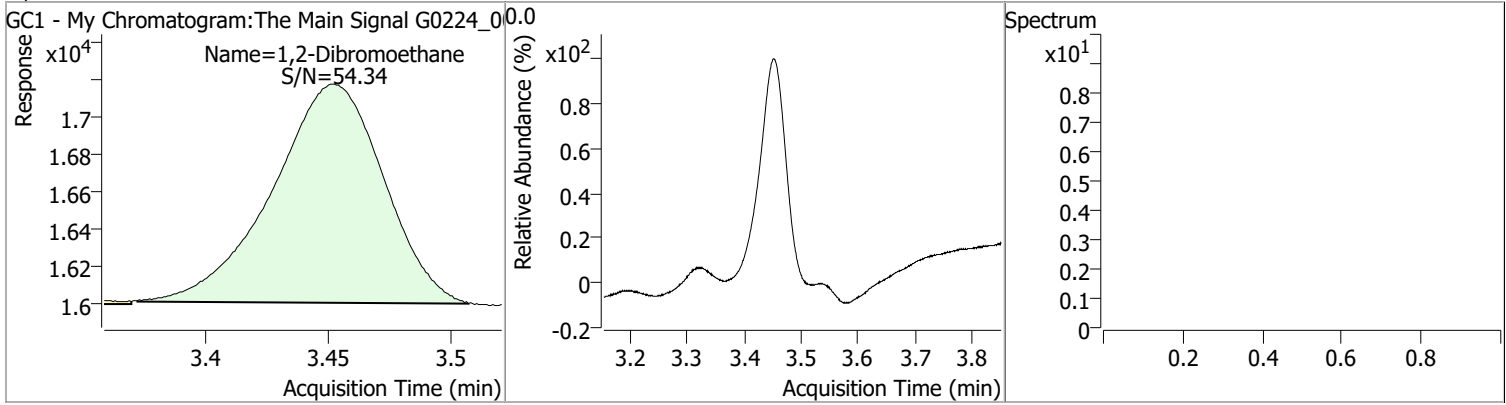


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.976	0.0	4766	0.0200	µg/L	0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 20.02%	*	
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.453	0.0	3724	0.0220	µg/L	QValue 100

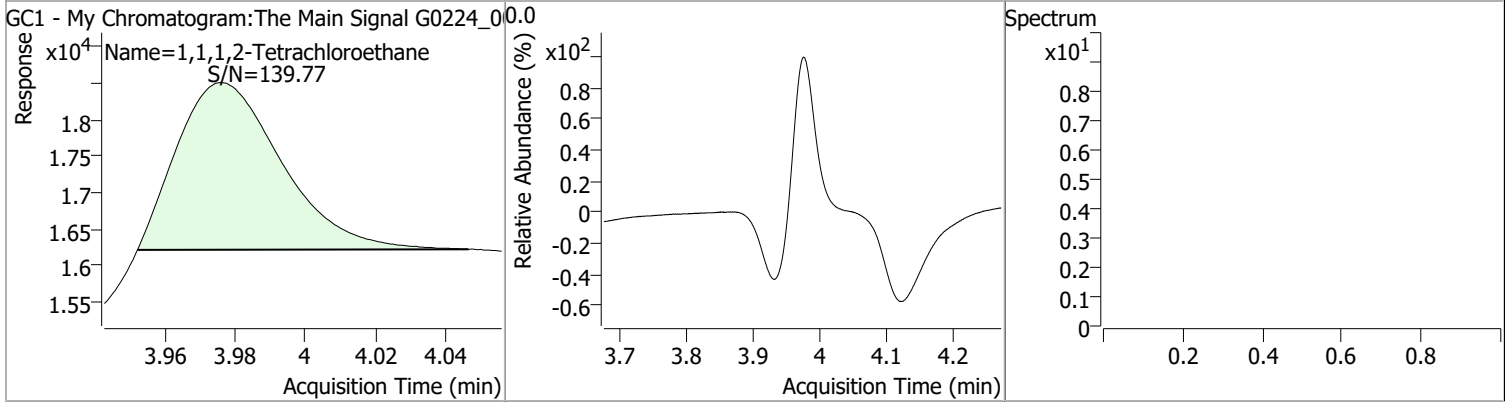
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.0220	3.45	0.00	3724				



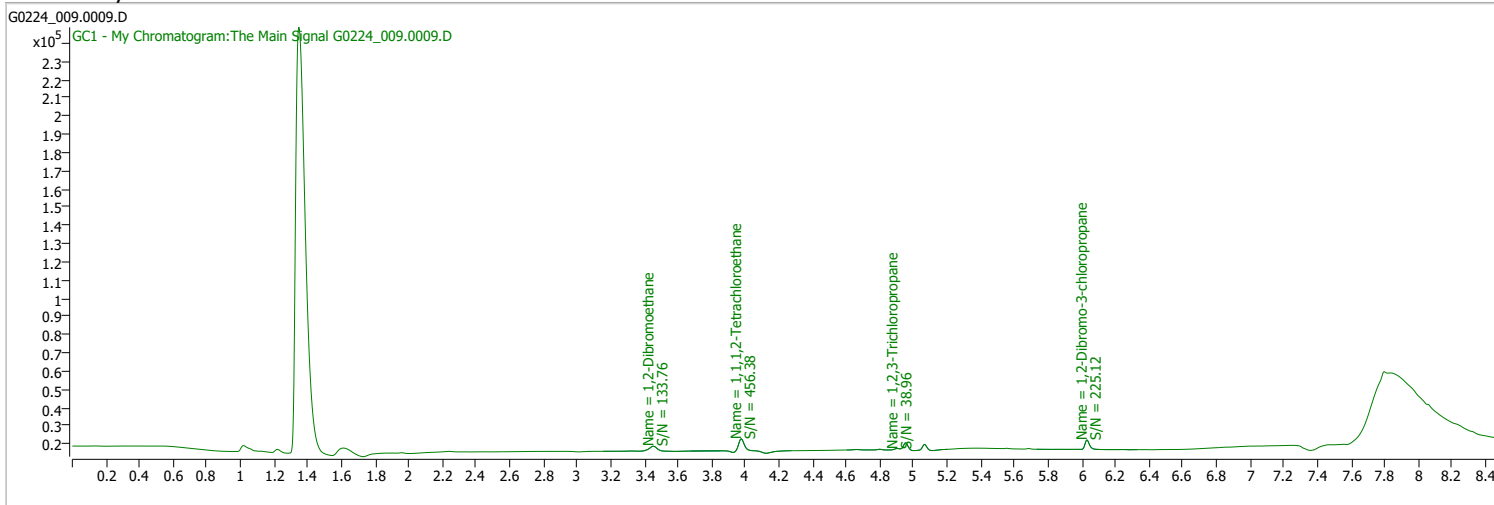
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0200	3.98	0.00	4766				



# Quantitation Results Report (QT Reviewed)

Data File	G0224_009.0009.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 2:27:56 PM
Sample Name	CAL2-163984	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

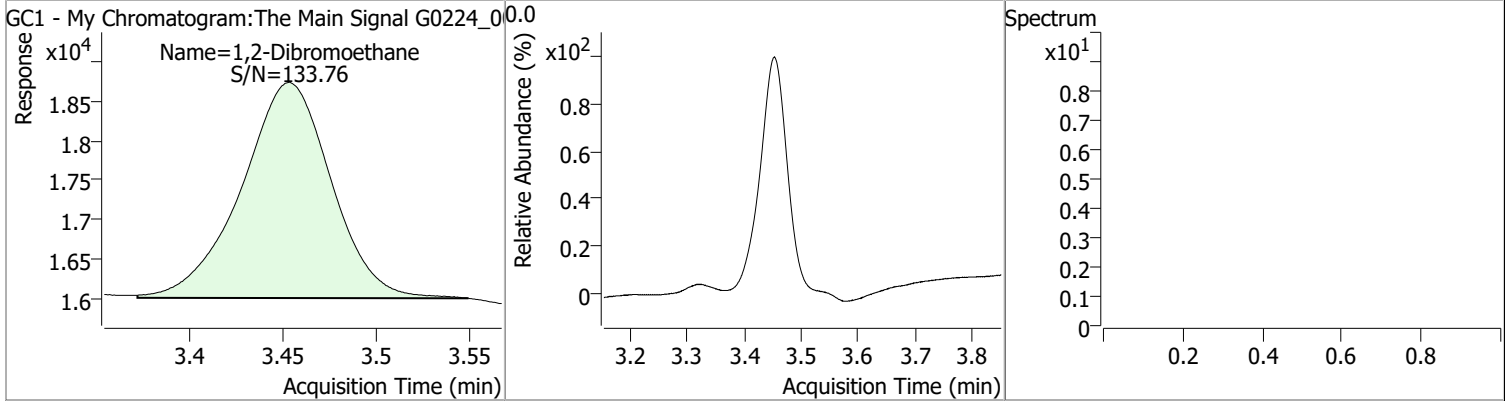


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.975	0.0	14968	0.0488	µg/L	m
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 48.79%		*
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.453	0.0	9221	0.0547	µg/L	QValue 100

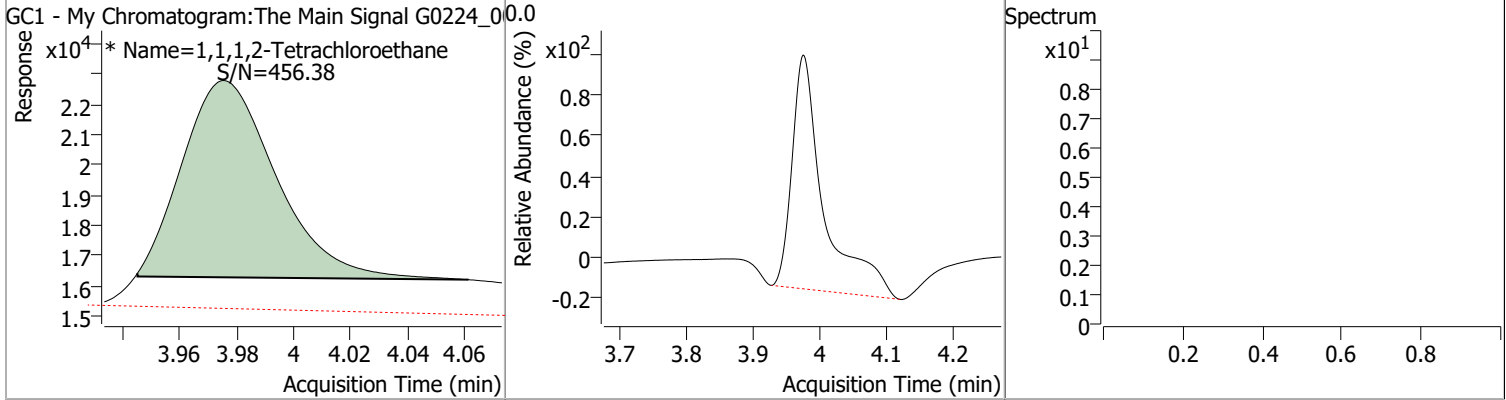
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.0547	3.45	0.00	9221				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0488	3.98	0.00	14968 (m)				

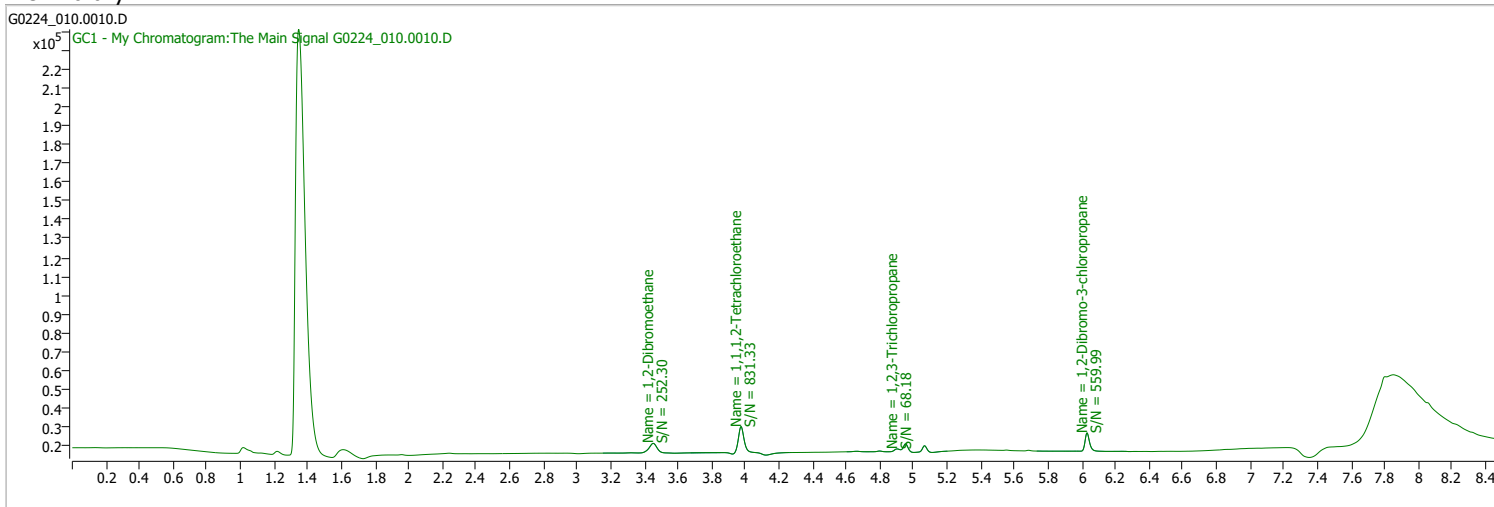




# Quantitation Results Report (QT Reviewed)

Data File	G0224_010.0010.D	Operator	
Acq. Method	testAcqFilePath	Acq. Date-Time	2/24/2022 2:47:36 PM
Sample Name	CAL3-163984	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

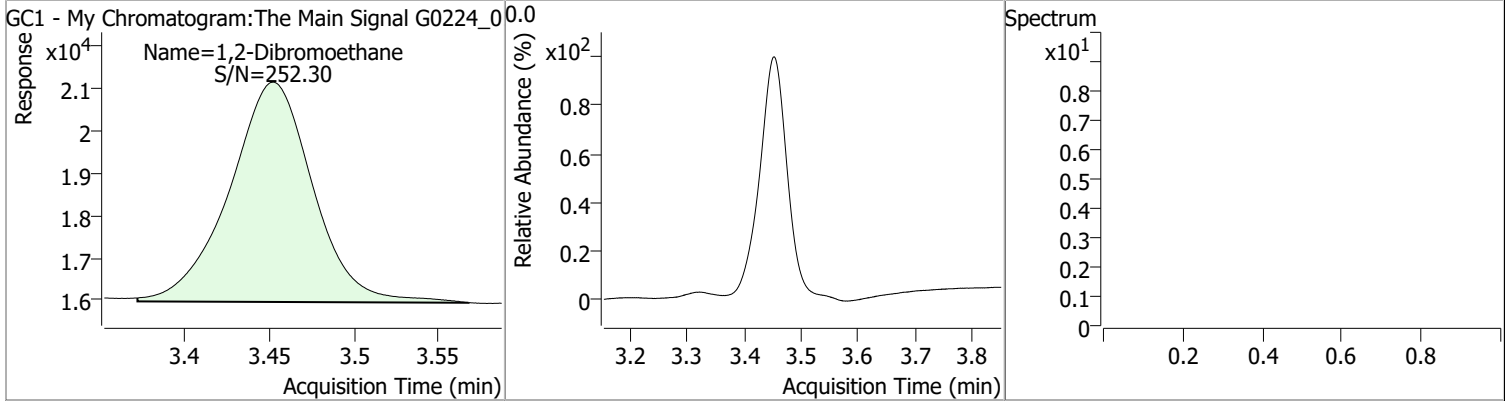


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.974	0.0	32499	0.0979	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 97.88%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.453	0.0	17768	0.1063	µg/L	100

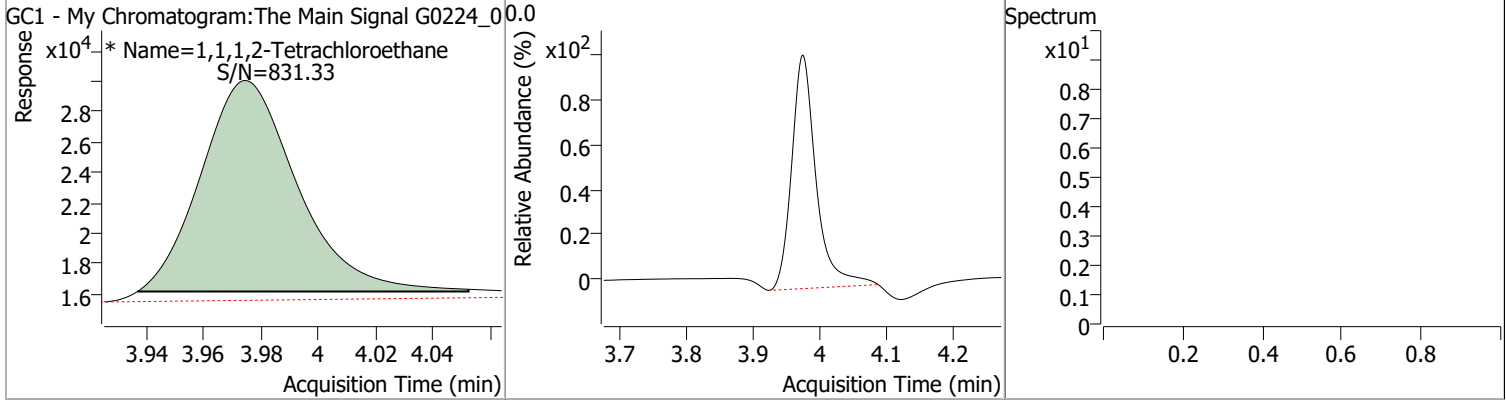
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.1063	3.45	0.00	17768				



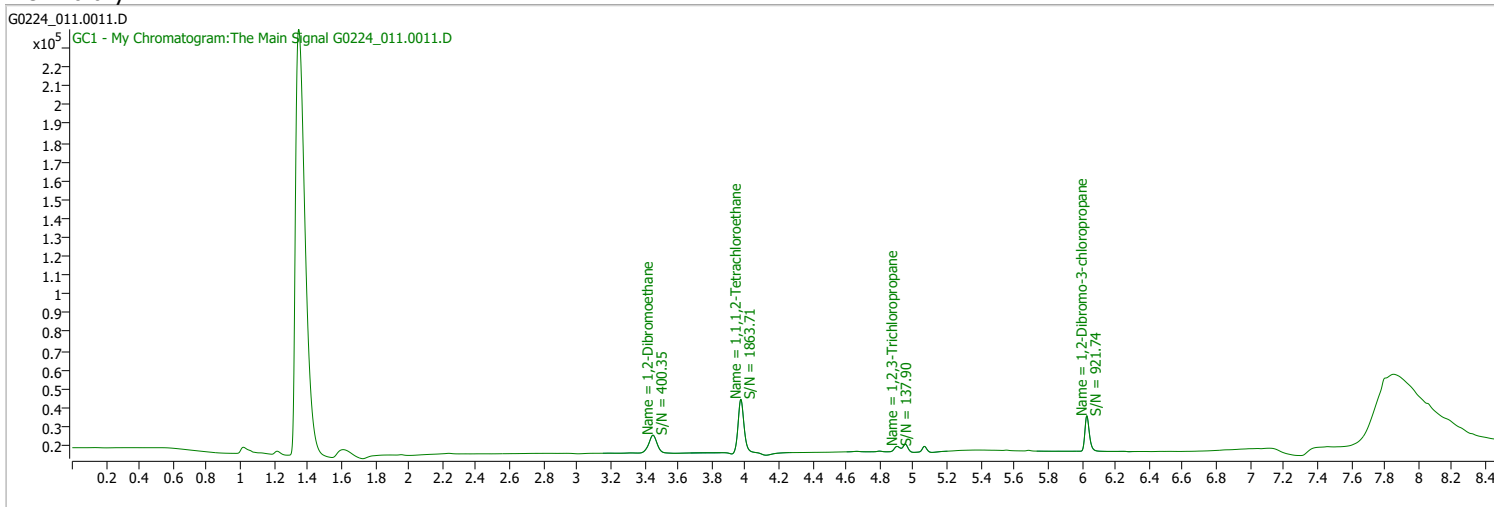
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0979	3.97	0.00	32499 (m)				



# Quantitation Results Report (QT Reviewed)

Data File	G0224_011.0011.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 3:07:26 PM
Sample Name	CAL4-163984	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

**System Monitoring Compounds**

S 1,1,1,2-Tetrachloroethane	3.973	0.0	67779	0.1953	µg/L	m	-0.001
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 195.30%		*	

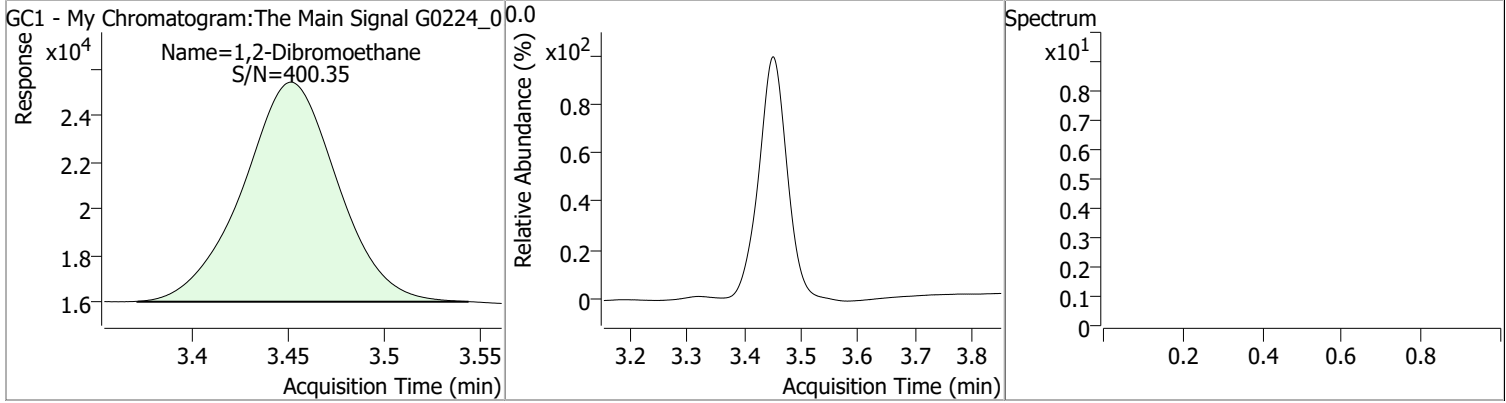
**Target Compounds**

M 1,2-Dibromoethane	3.451	0.0	32418	0.1969	µg/L		QValue 100
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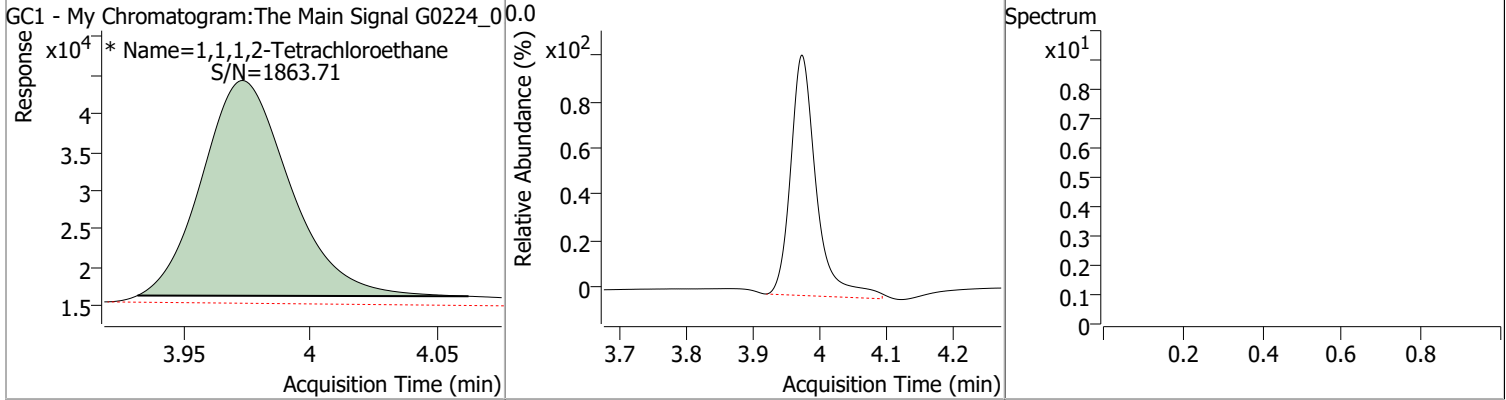
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.1969	3.45	0.00	32418				



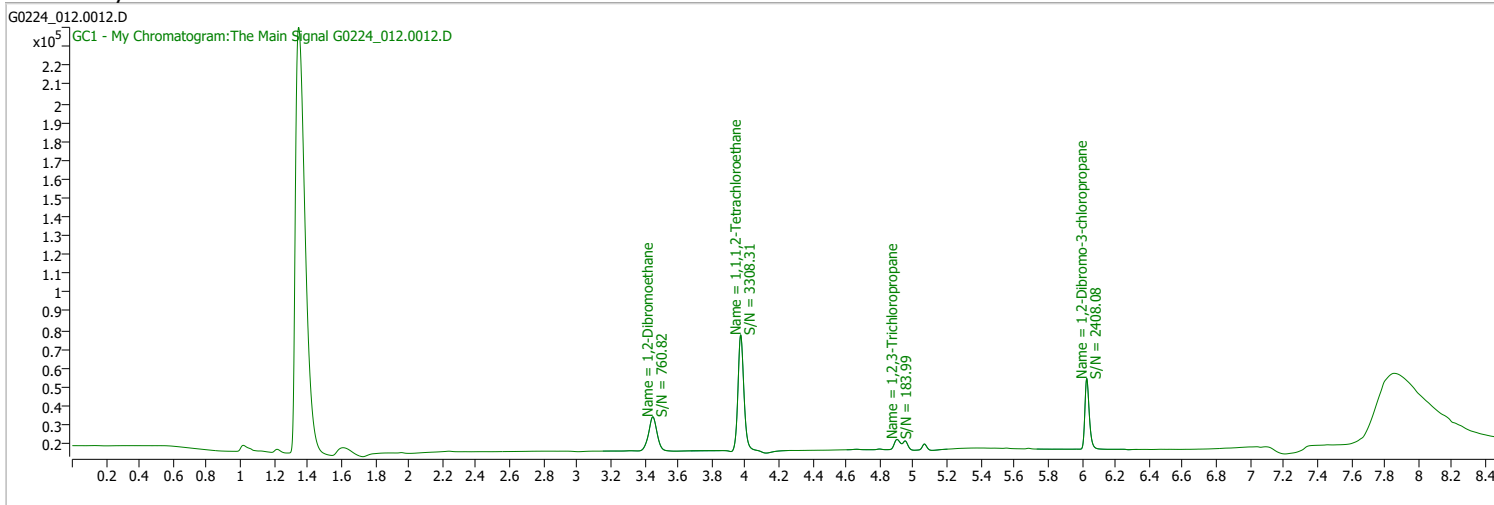
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1953	3.97	0.00	67779 (m)				



# Quantitation Results Report (QT Reviewed)

Data File	G0224_012.0012.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 3:27:03 PM
Sample Name	CAL5-163984	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

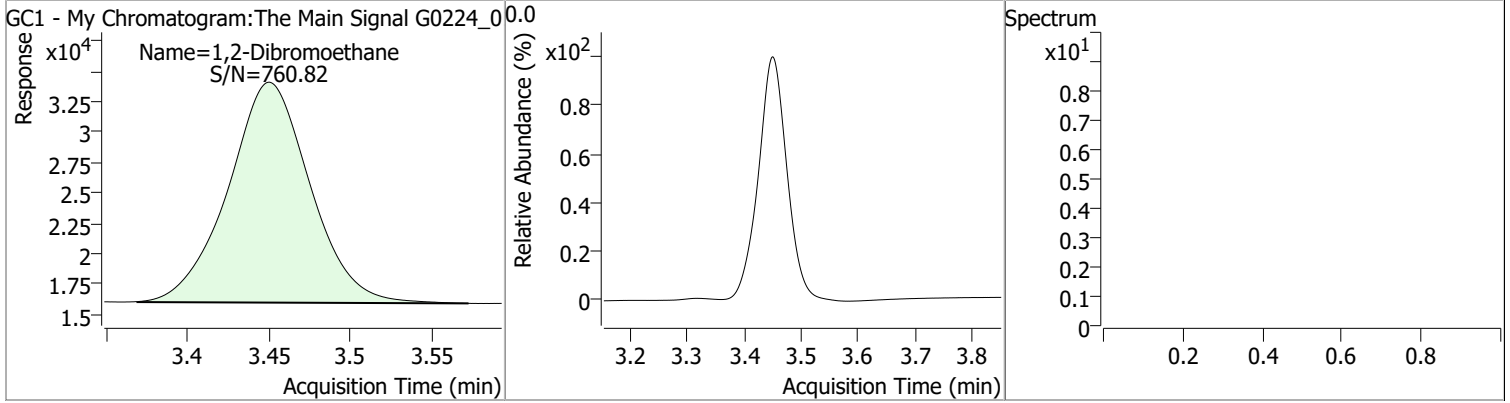


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.973	0.0	147845	0.4101	µg/L	m
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 410.11%		*
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.450	0.0	63436	0.3986	µg/L	QValue 100

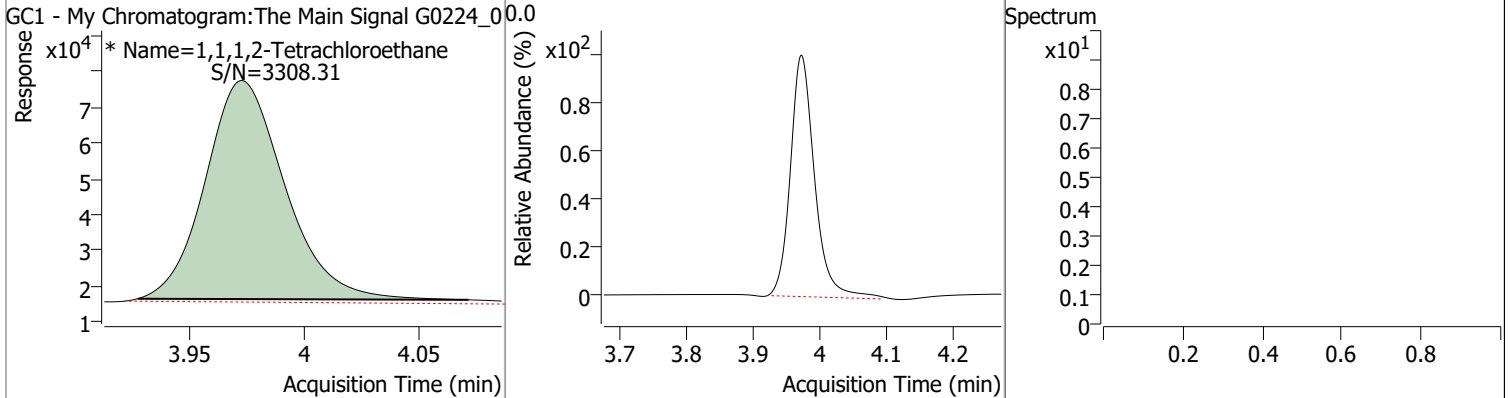
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.3986	3.45	0.00	63436				



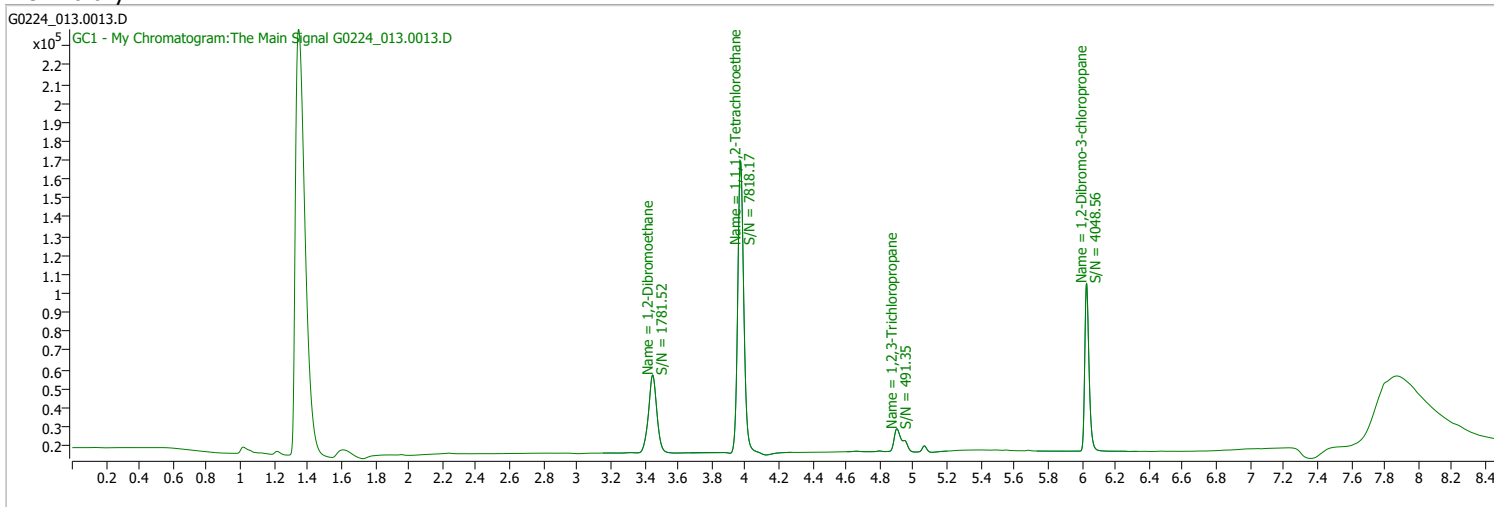
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.4101	3.97	0.00	147845 (m)				



# Quantitation Results Report (QT Reviewed)

Data File	G0224_013.0013.D	Operator	
Acq. Method	testAcqFilePath	Acq. Date-Time	2/24/2022 3:46:49 PM
Sample Name	CAL6-163984	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

**System Monitoring Compounds**

S 1,1,1,2-Tetrachloroethane	3.971	0.0	382731	0.9974	µg/L	m	-0.003
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 997.39%		*	

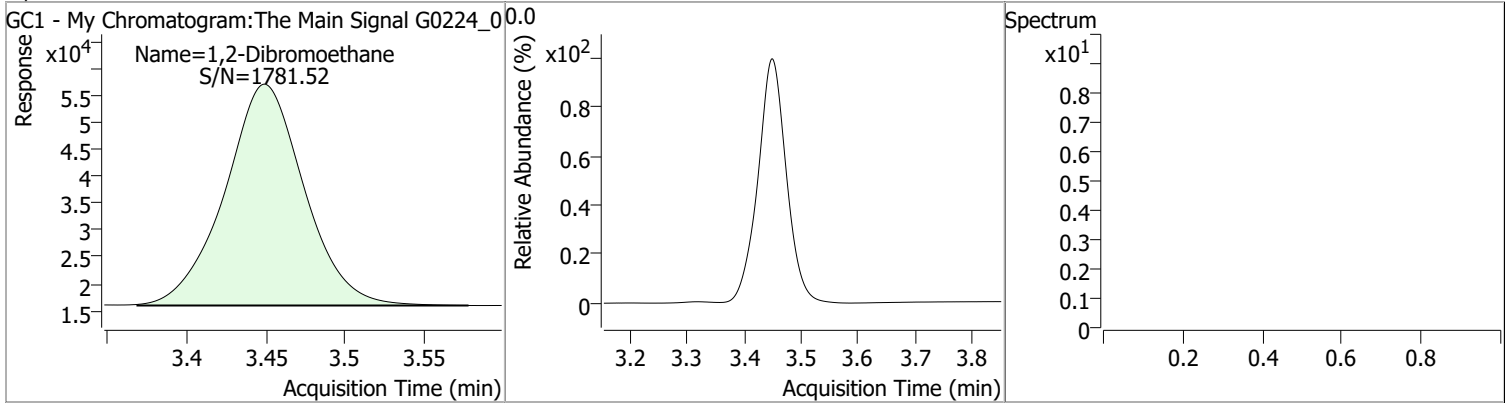
**Target Compounds**

M 1,2-Dibromoethane	3.449	0.0	142853	1.0004	µg/L		QValue 100
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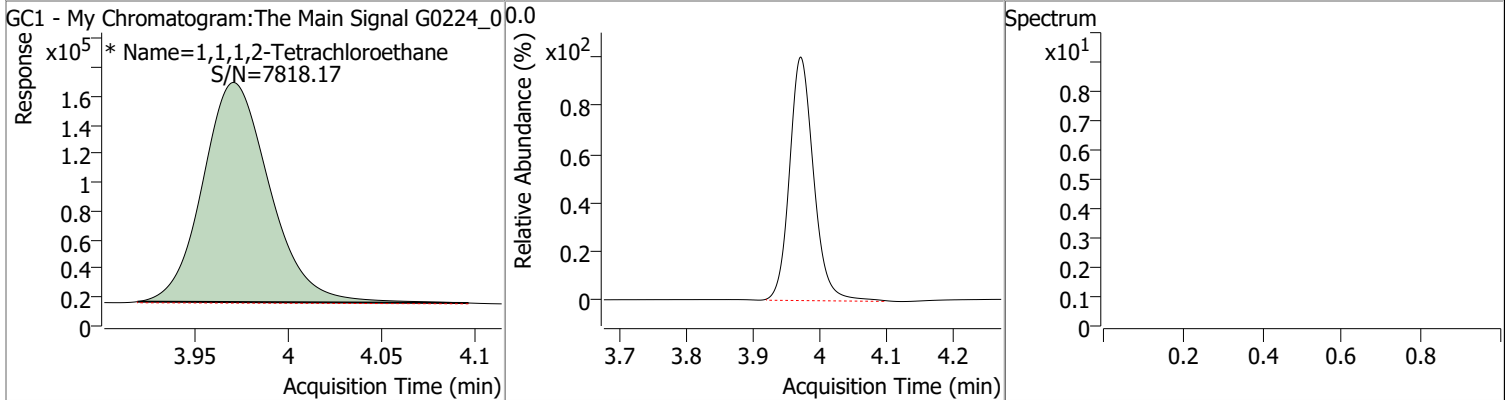
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	1.0004	3.45	0.00	142853				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.9974	3.97	0.00	382731 (m)				

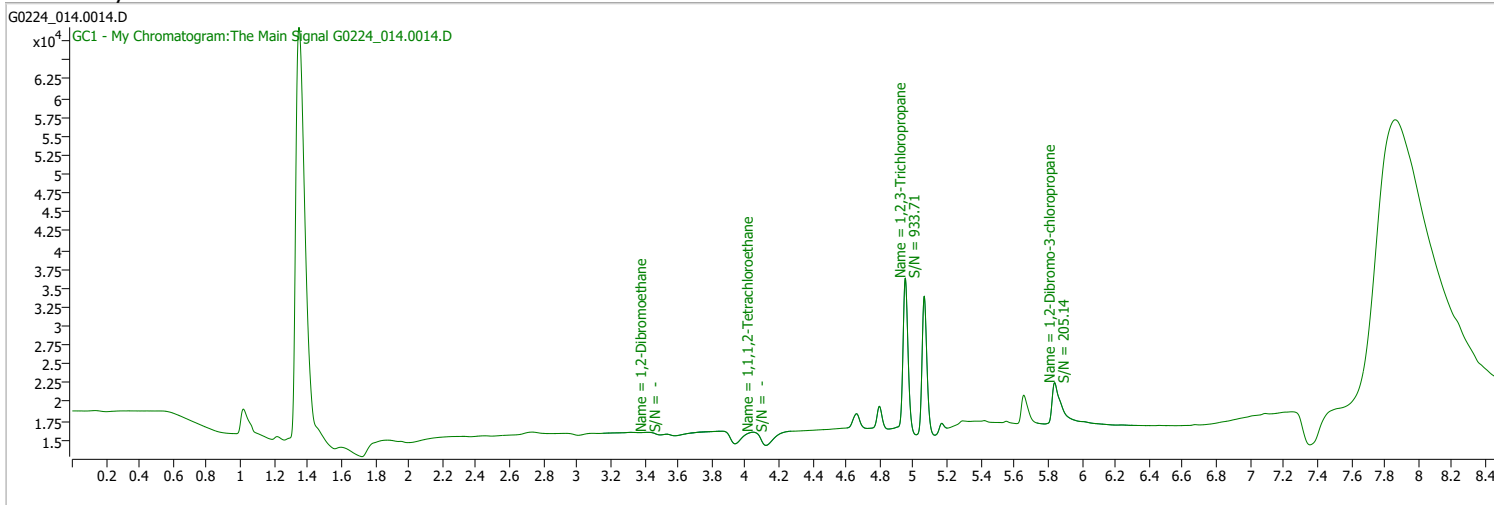




# Quantitation Results Report (QT Reviewed)

Data File	G0224_014.0014.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 4:06:39 PM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

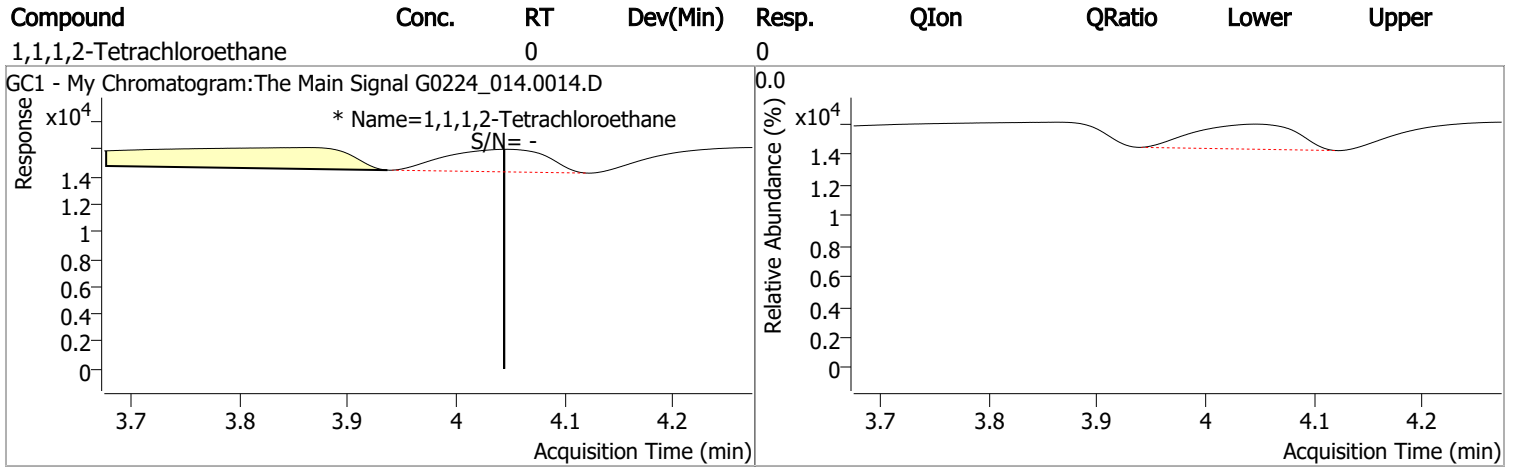
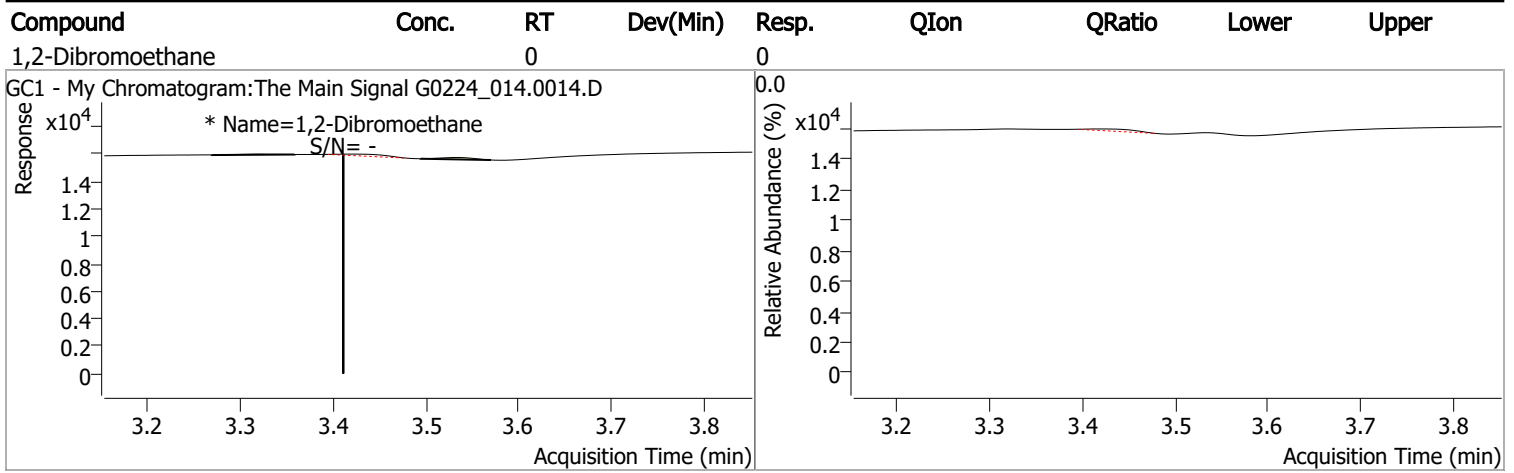
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	4.044	0.0	0		µg/L	md
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = NA%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.411	0.0	0		µg/L	md
						<b>QValue</b>
						1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

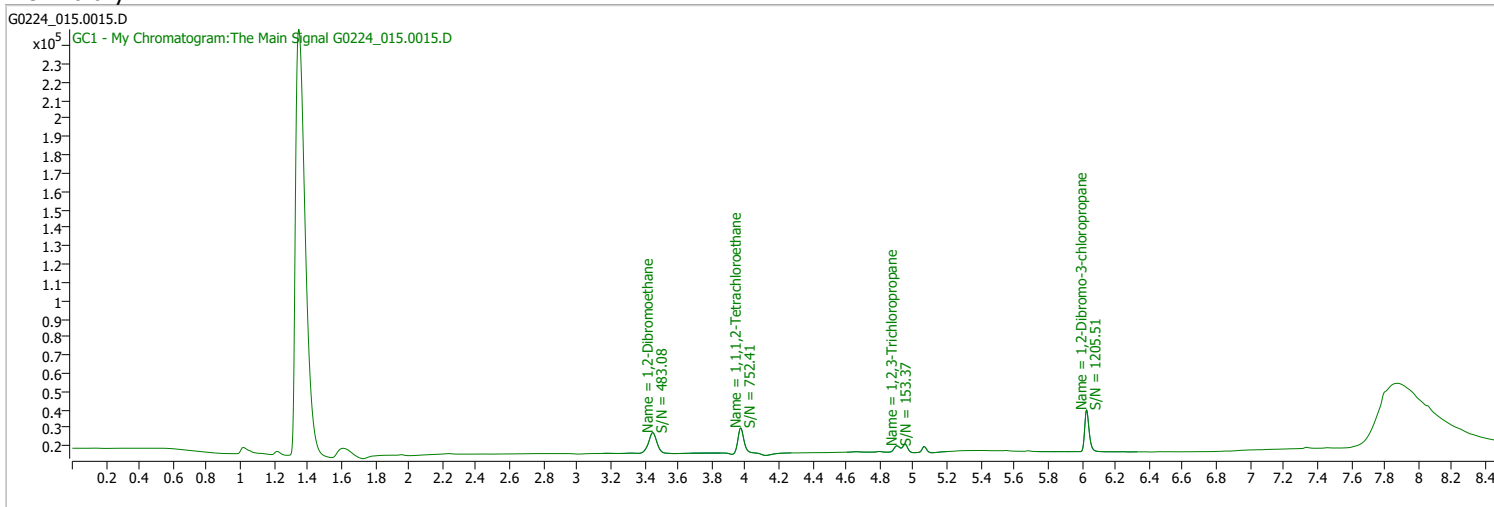
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0224_015.0015.D	Operator	
Acq. Method	testAcqFilePath	Acq. Date-Time	2/24/2022 4:26:23 PM
Sample Name	LCS-163984	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

**System Monitoring Compounds**

S 1,1,1,2-Tetrachloroethane	3.973	0.0	34577	0.1037	µg/L	m	-0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%		Recovery = 103.67%				

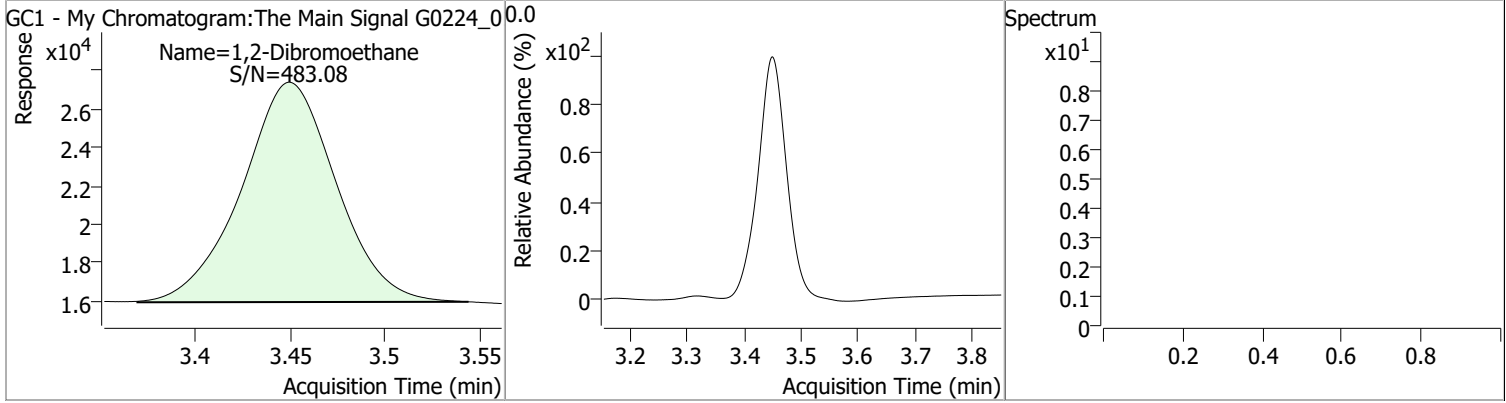
**Target Compounds**

M 1,2-Dibromoethane	3.449	0.0	39595	0.2423	µg/L		<b>QValue</b> 100
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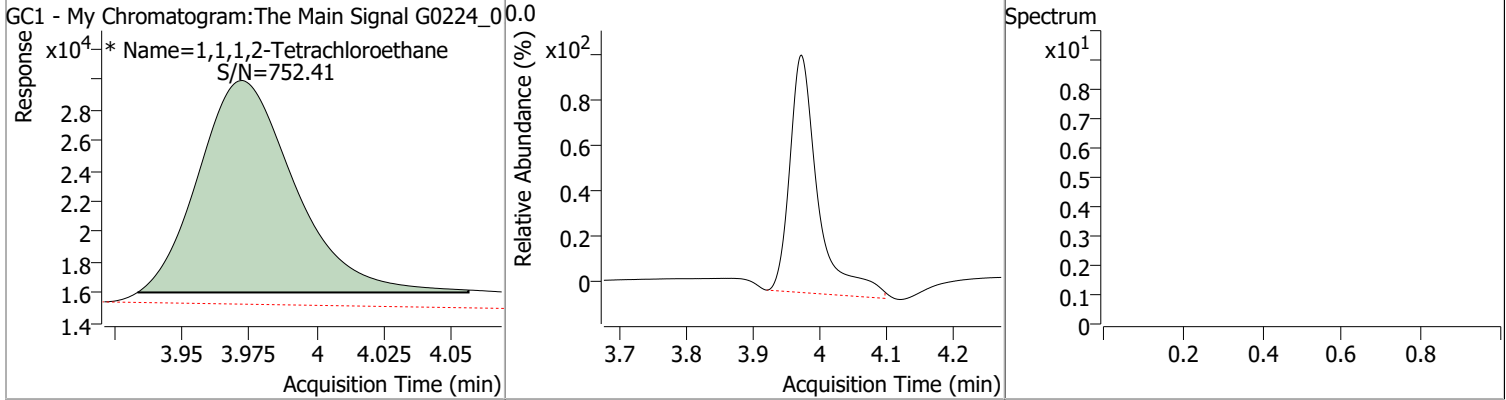
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.2423	3.45	0.00	39595				



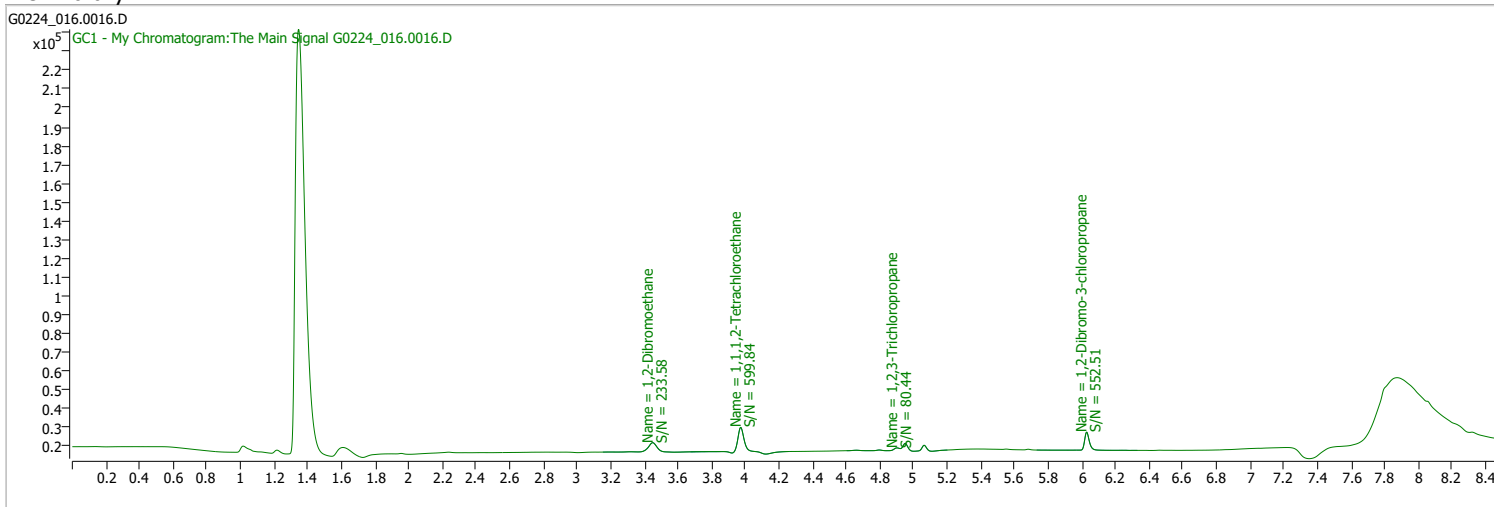
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1037	3.97	0.00	34577 (m)				



# Quantitation Results Report (QT Reviewed)

Data File	G0224_016.0016.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 4:46:10 PM
Sample Name	CAL3-163984	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

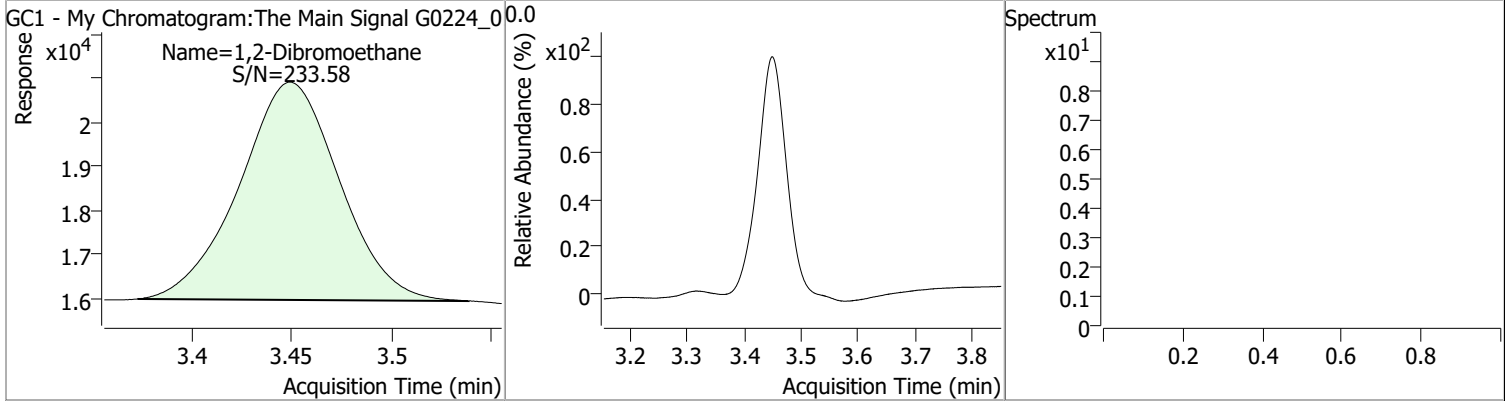


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.973	0.0	31159	0.0941	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 94.14%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.450	0.0	17133	0.1025	µg/L	QValue 100

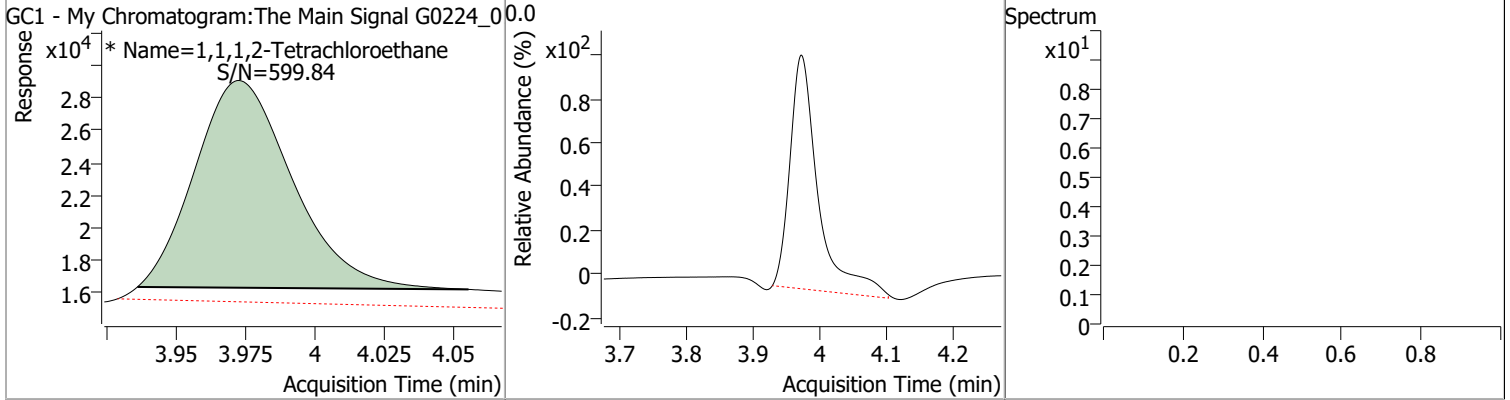
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.1025	3.45	0.00	17133				



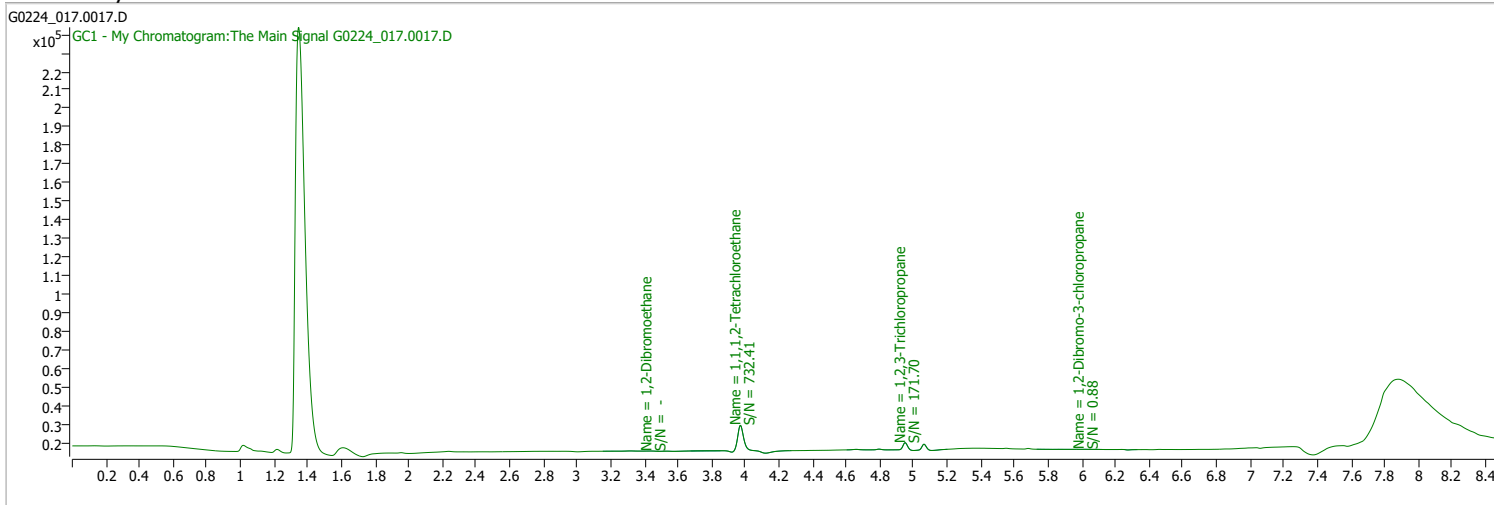
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0941	3.97	0.00	31159 (m)				



# Quantitation Results Report (QT Reviewed)

Data File	G0224_017.0017.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 5:06:01 PM
Sample Name	MB-163984	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

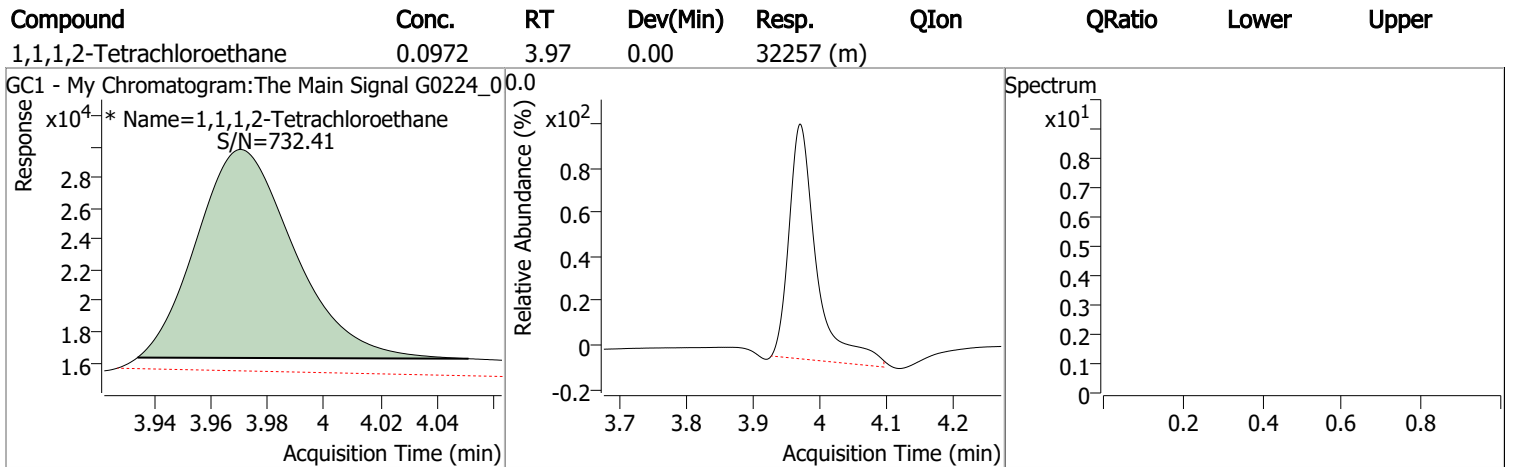
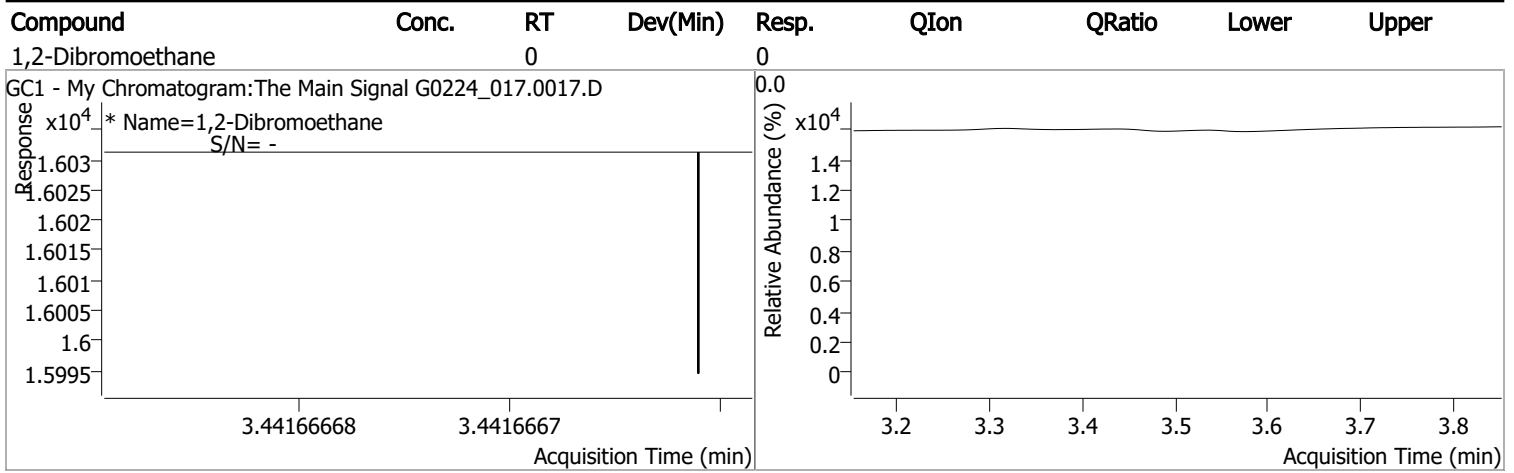
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.970	0.0	32257	0.0972	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 97.20%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.442	0.0	0		µg/L	md
						<b>QValue</b>
						1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

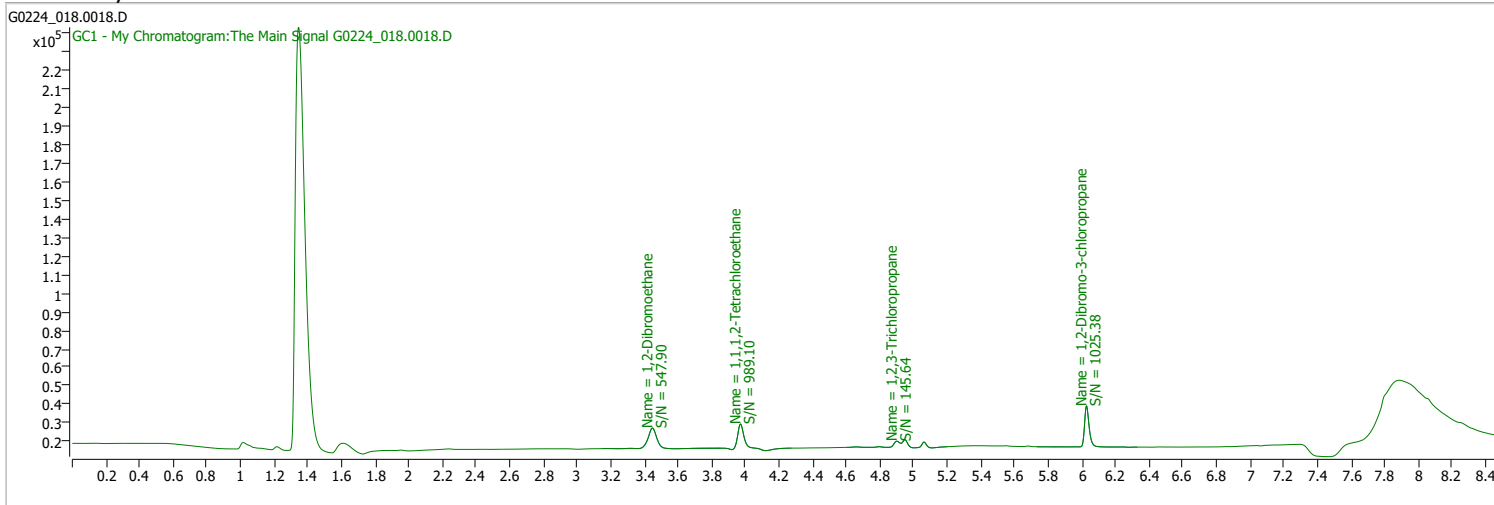




# Quantitation Results Report (QT Reviewed)

Data File	G0224_018.0018.D	Operator	
Acq. Method	testAcqFilePath	Acq. Date-Time	2/24/2022 5:25:35 PM
Sample Name	LCS-163984	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

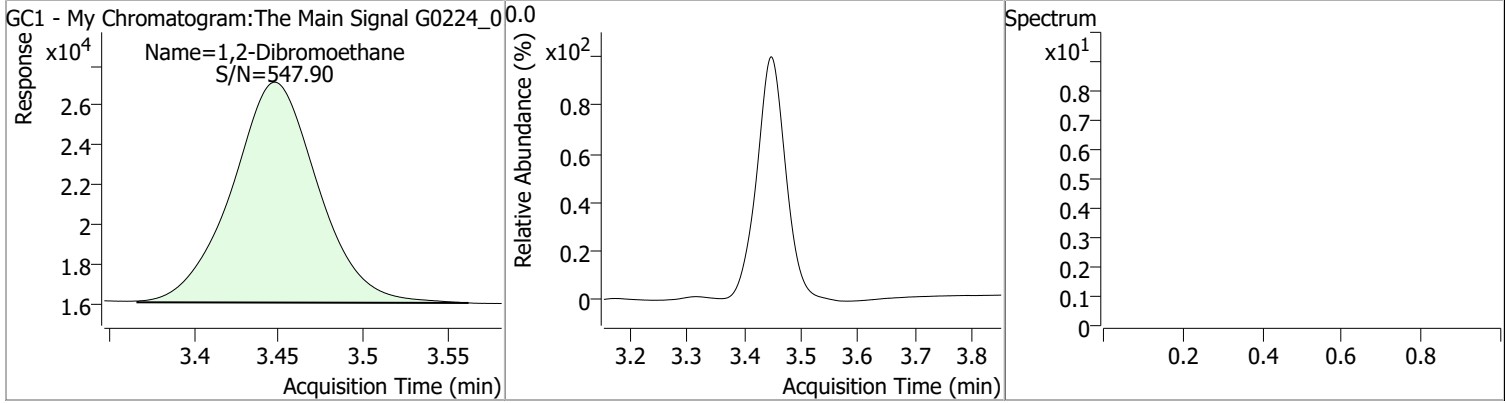


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.971	0.0	31825	0.0960	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 96.00%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.448	0.0	39703	0.2430	µg/L	QValue 100

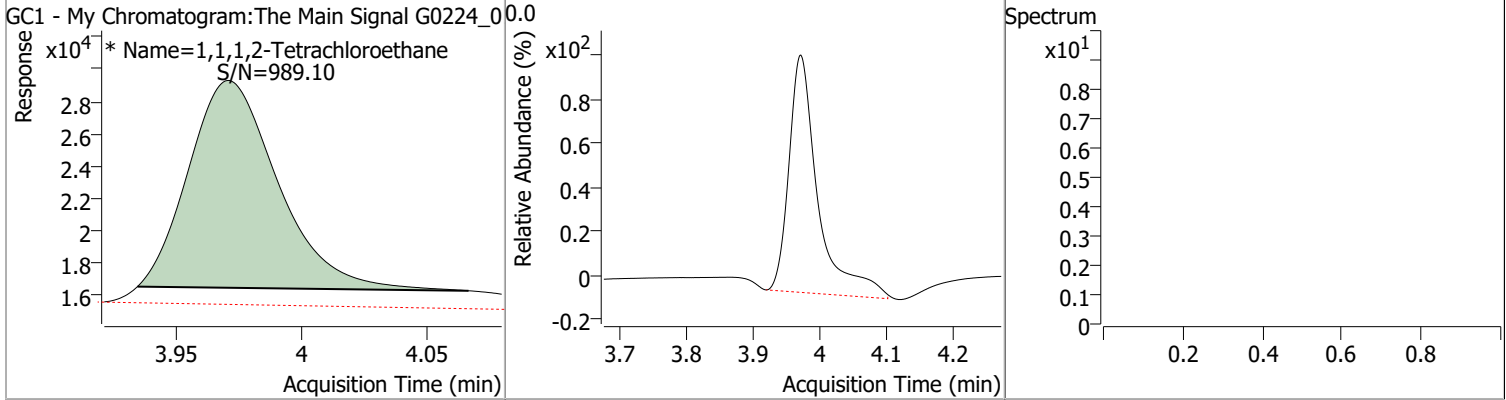
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.2430	3.45	-0.01	39703				



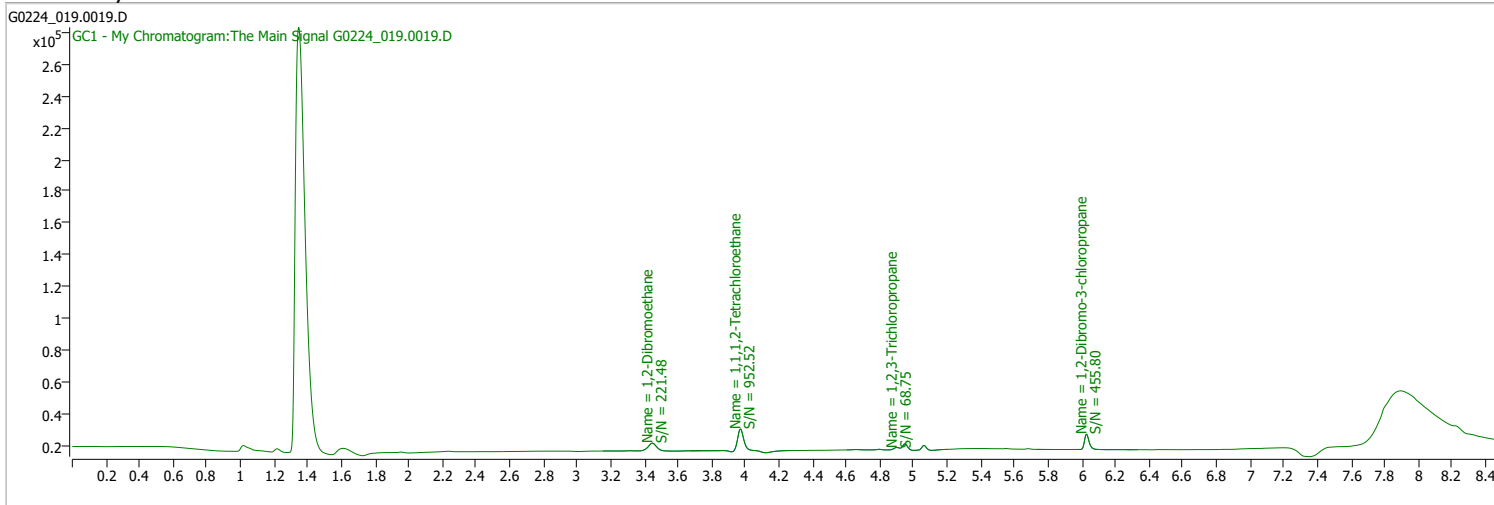
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0960	3.97	0.00	31825 (m)				



# Quantitation Results Report (QT Reviewed)

Data File	G0224_019.0019.D	Operator	
Acq. Method	testAcqFilePath	Acq. Date-Time	2/24/2022 5:45:21 PM
Sample Name	LCS1-163984	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

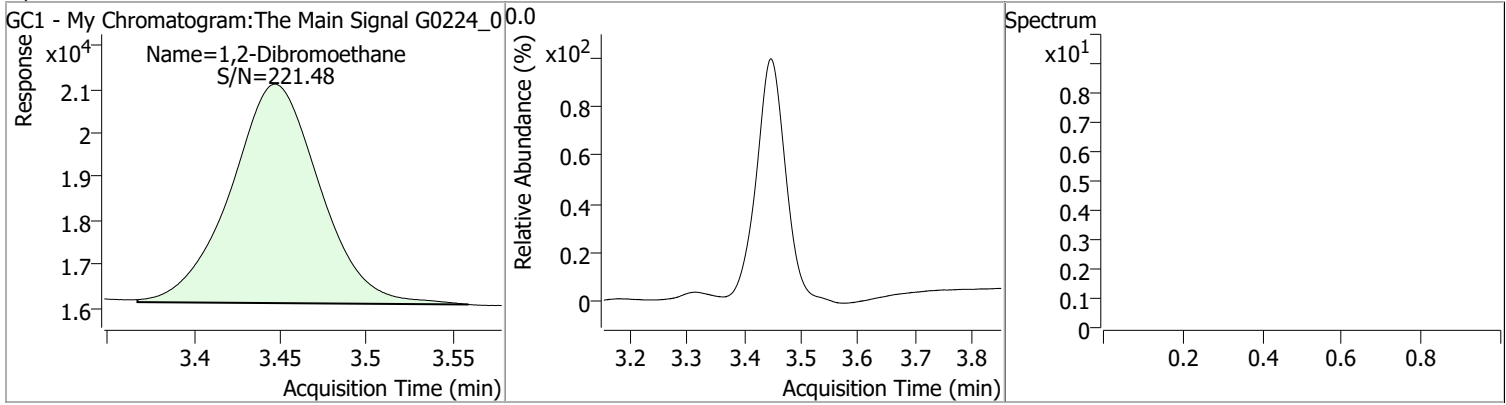


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.971	0.0	34064	0.1022	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 102.24%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.448	0.0	17890	0.1071	µg/L	QValue 100

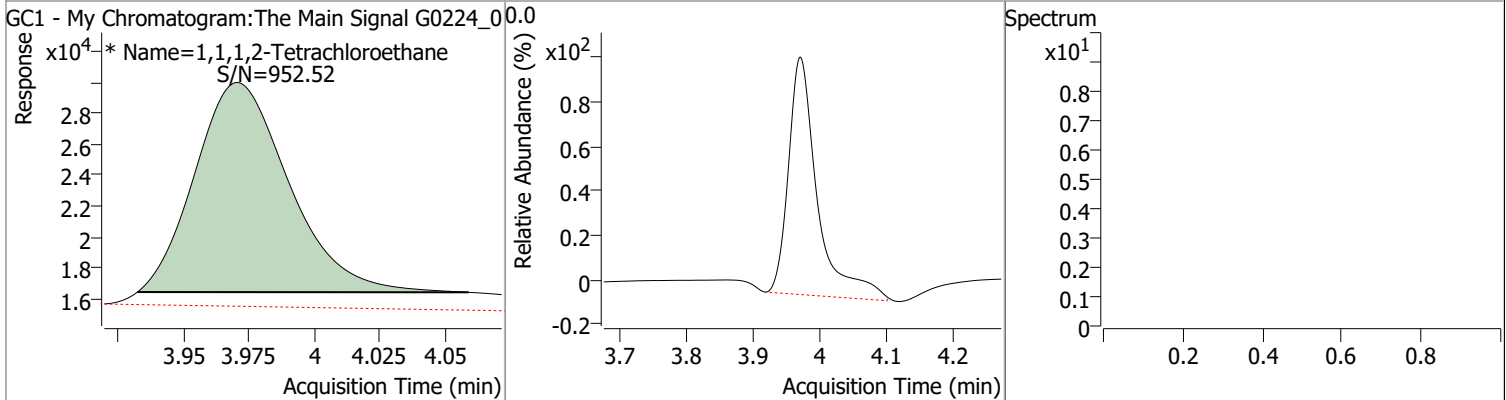
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.1071	3.45	-0.01	17890				



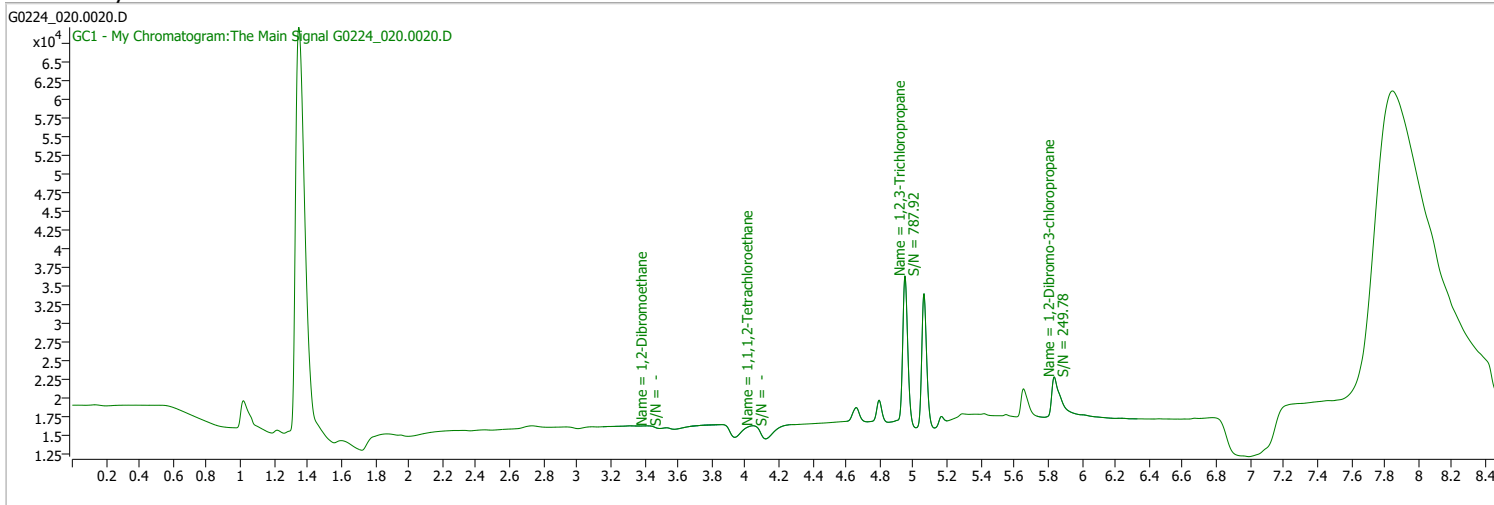
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1022	3.97	0.00	34064 (m)				



# Quantitation Results Report (QT Reviewed)

Data File	G0224_020.0020.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 6:05:13 PM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

**System Monitoring Compounds**

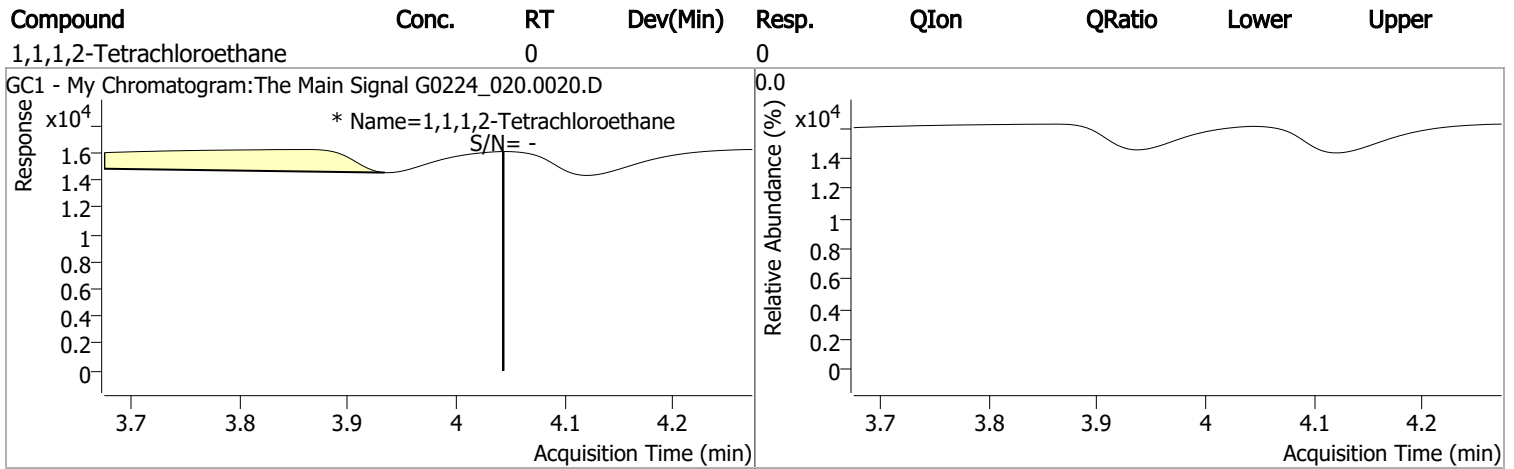
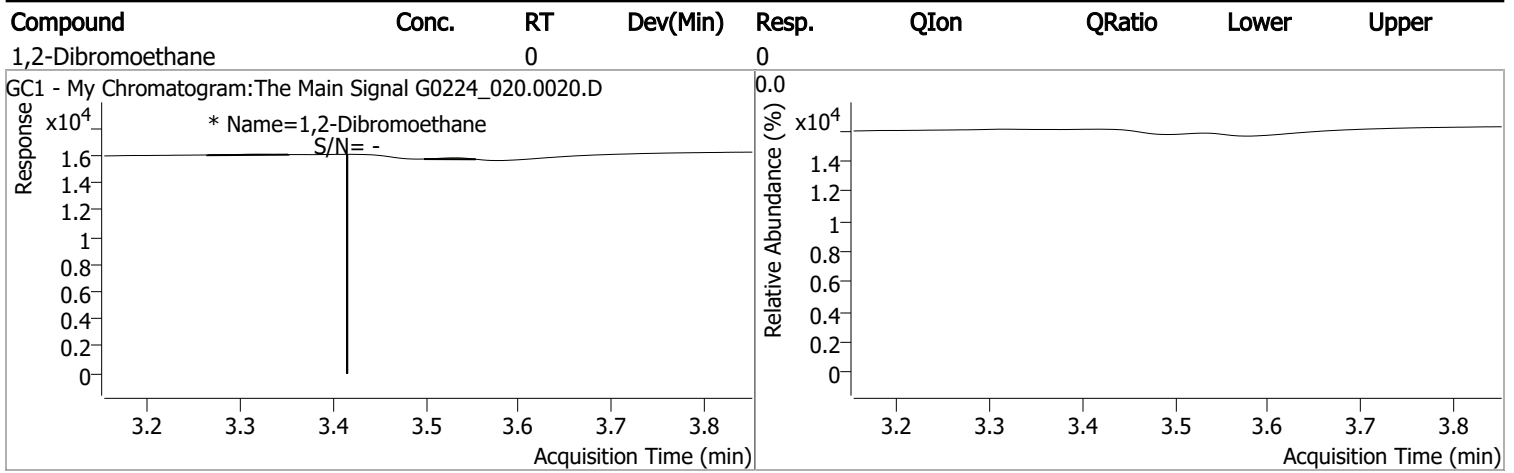
S 1,1,1,2-Tetrachloroethane	4.043	0.0	0		µg/L	md	0.069
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%			

**Target Compounds**

M 1,2-Dibromoethane	3.415	0.0	0		µg/L	md	<b>QValue</b> 1
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(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

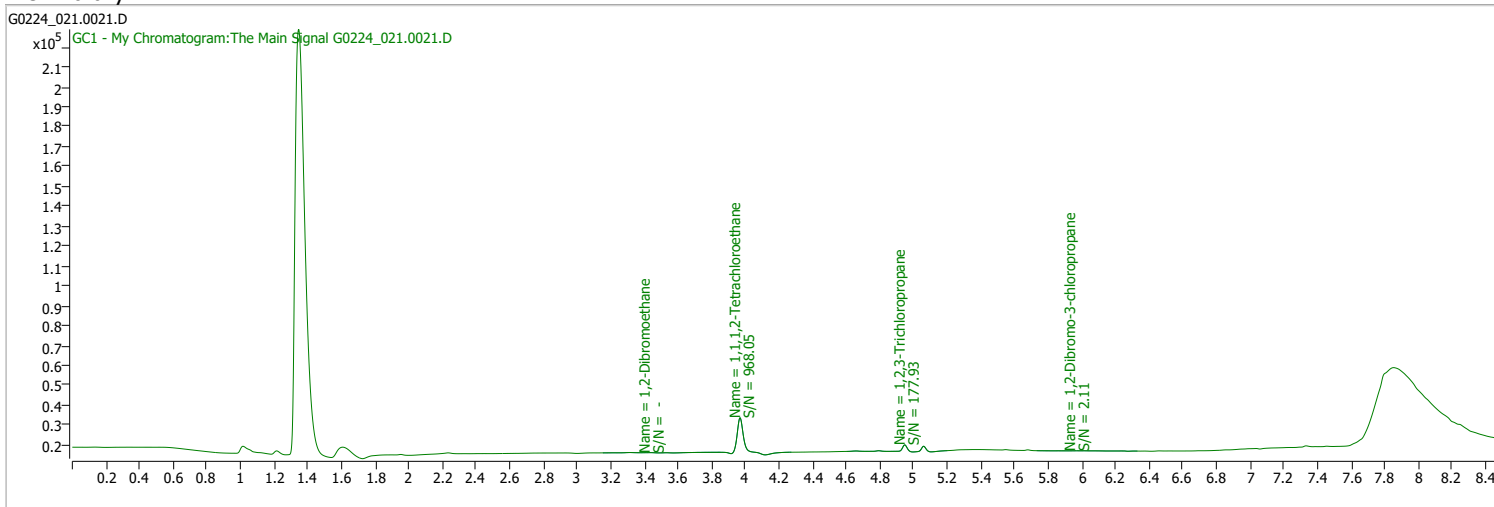
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0224_021.0021.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 6:24:52 PM
Sample Name	B22010745-008A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

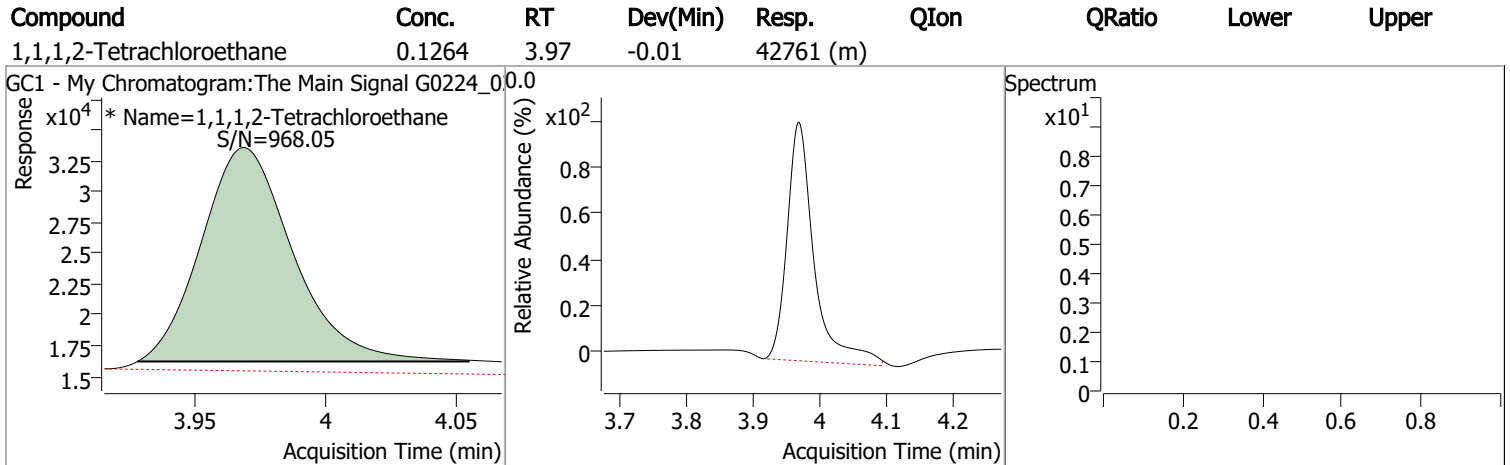
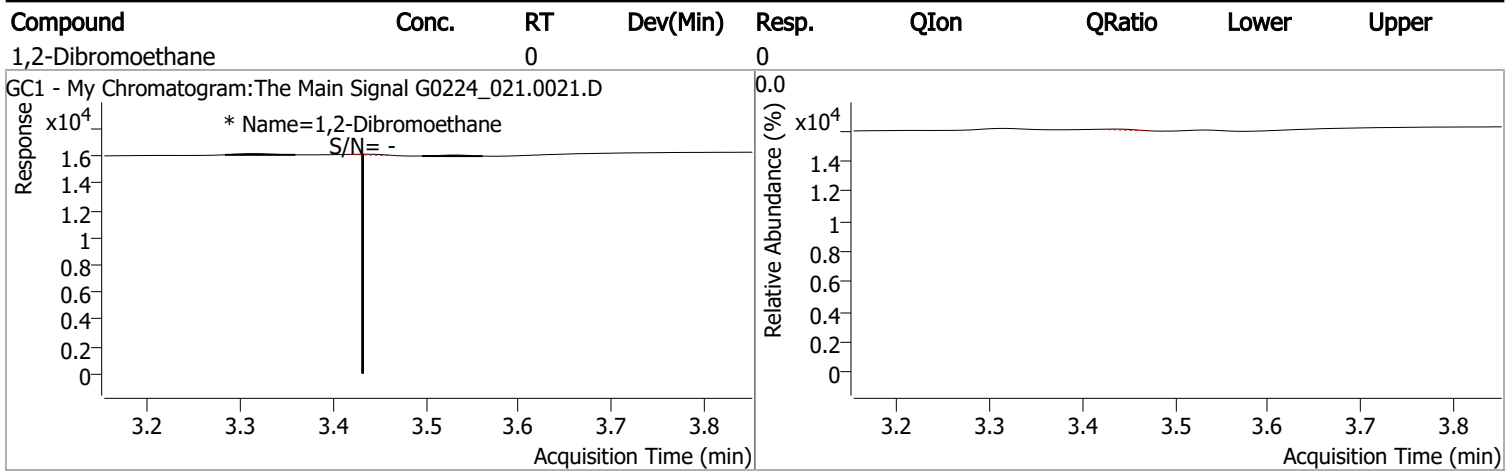
## Ref Library



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.968	0.0	42761	0.1264	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 126.40%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.432	0.0	0		µg/L	md
						<b>QValue</b> 1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

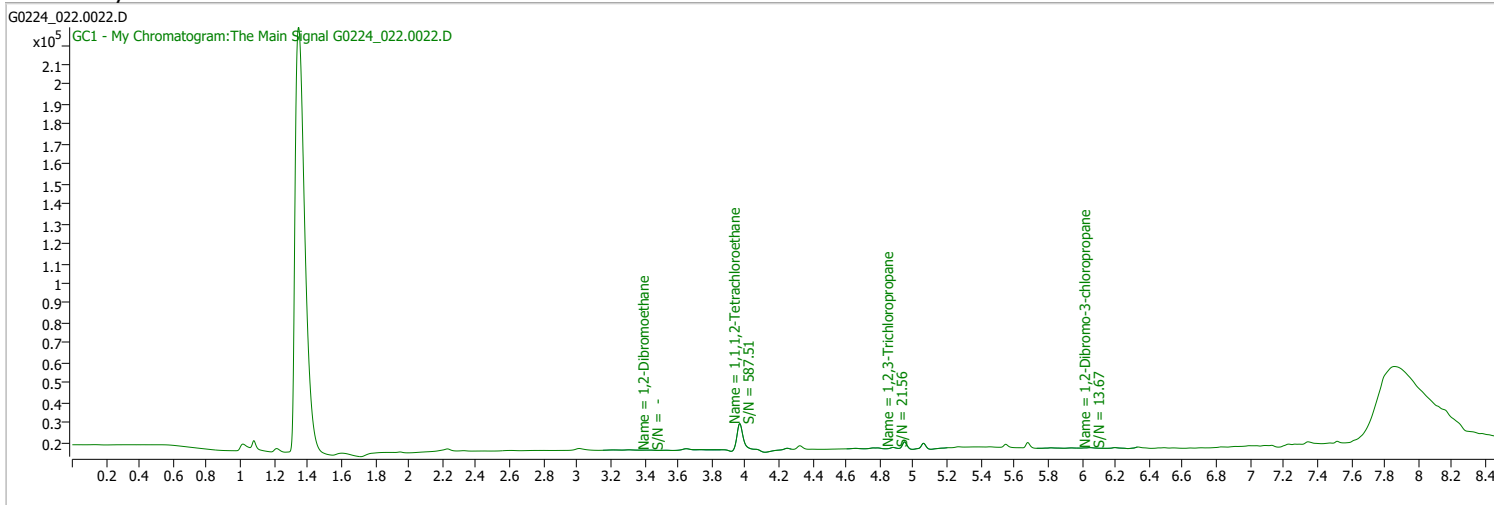




# Quantitation Results Report (QT Reviewed)

Data File	G0224_022.0022.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 6:44:41 PM
Sample Name	B22021435-004A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

**System Monitoring Compounds**

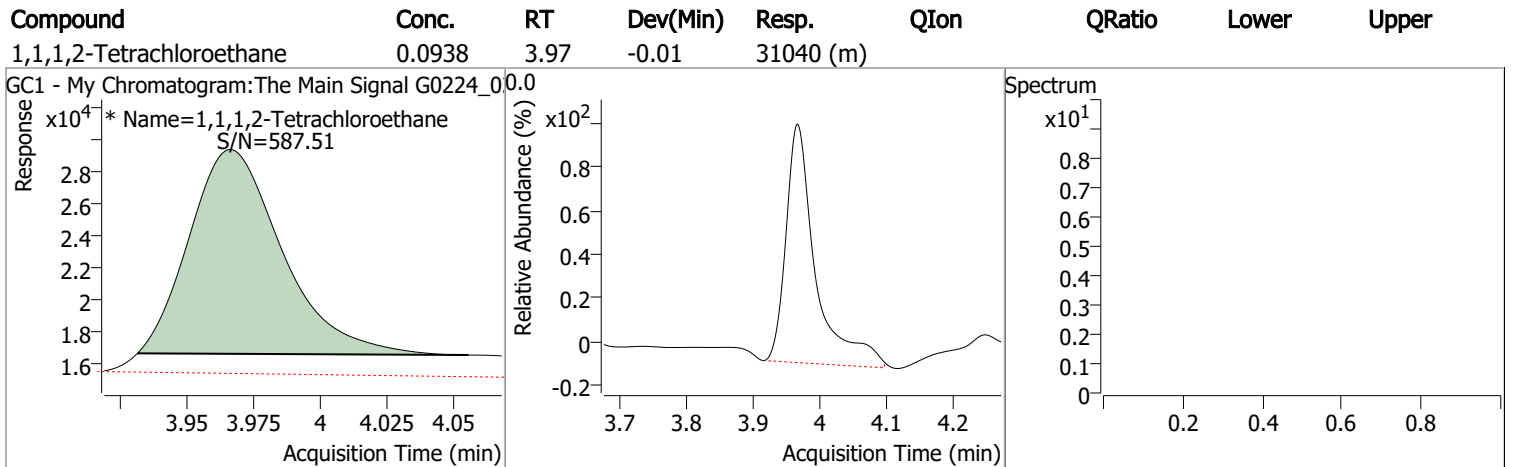
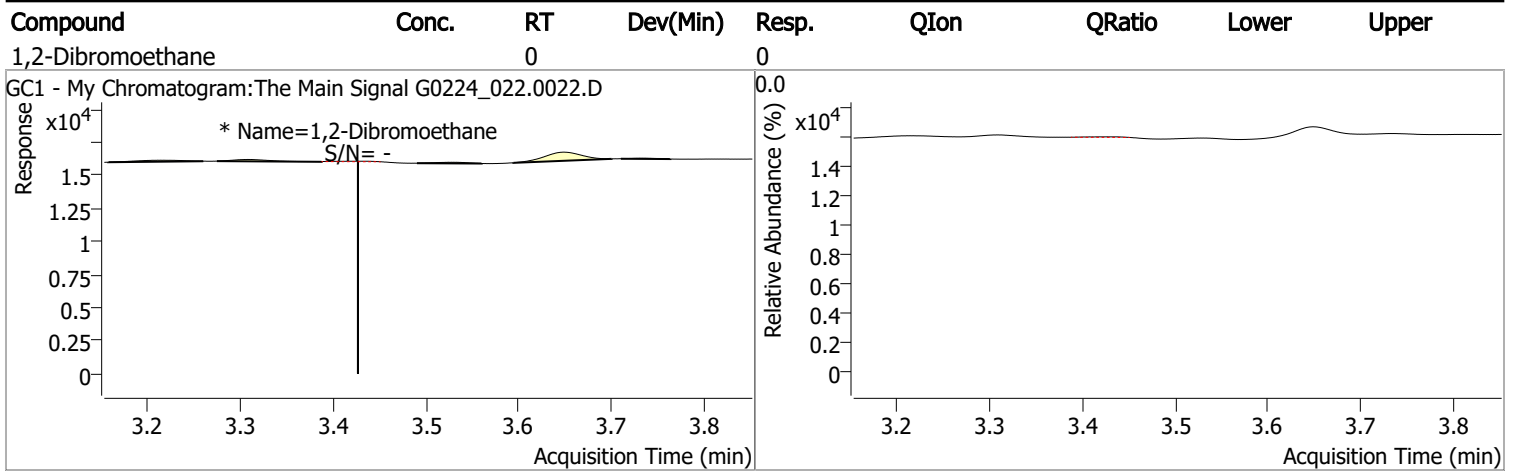
S 1,1,1,2-Tetrachloroethane	3.967	0.0	31040	0.0938	µg/L	m	-0.008
Spiked Amount: 0.100	Range: 70.0 - 130.0%		Recovery = 93.81%				

**Target Compounds**

M 1,2-Dibromoethane	3.427	0.0	0	µg/L	md	<b>QValue</b>	1
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(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

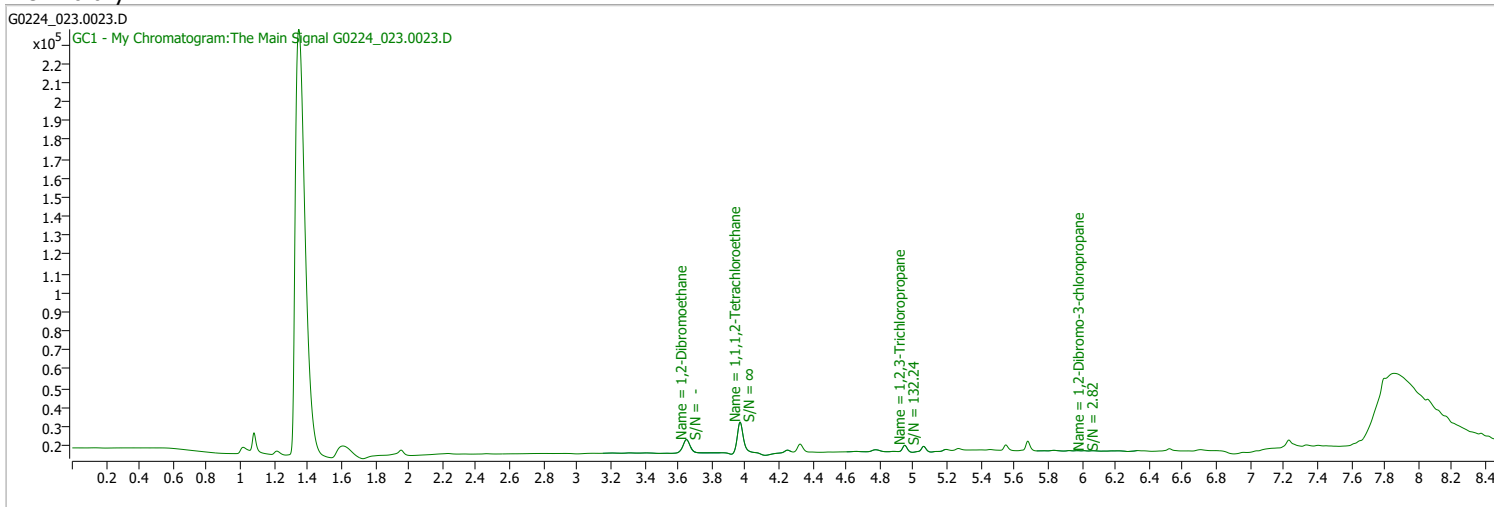
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0224_023.0023.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 7:04:37 PM
Sample Name	B22021435-006H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

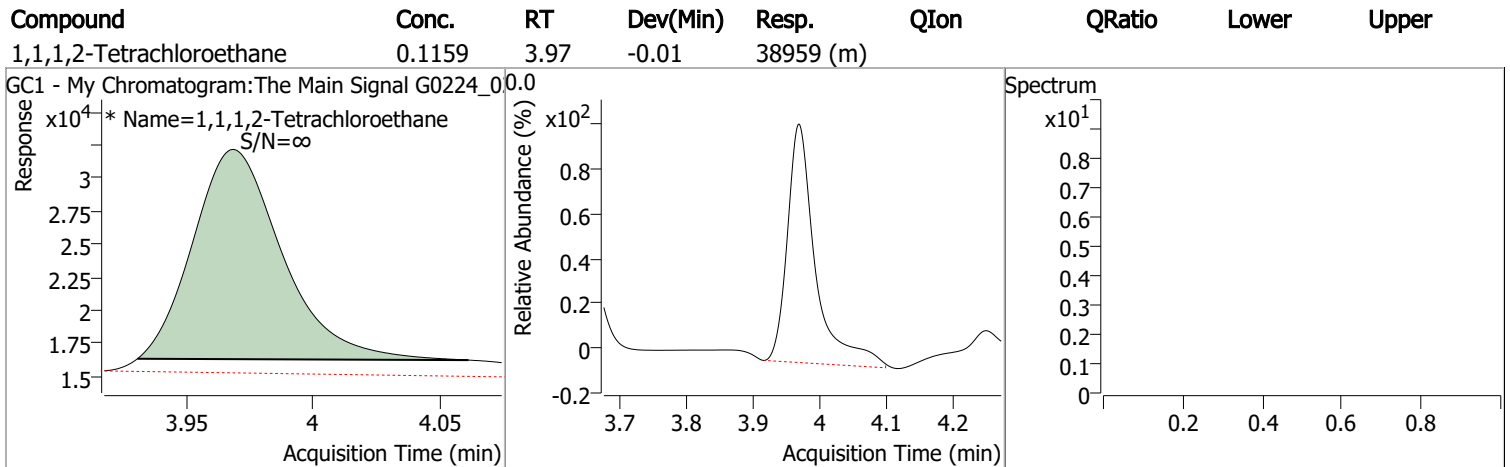
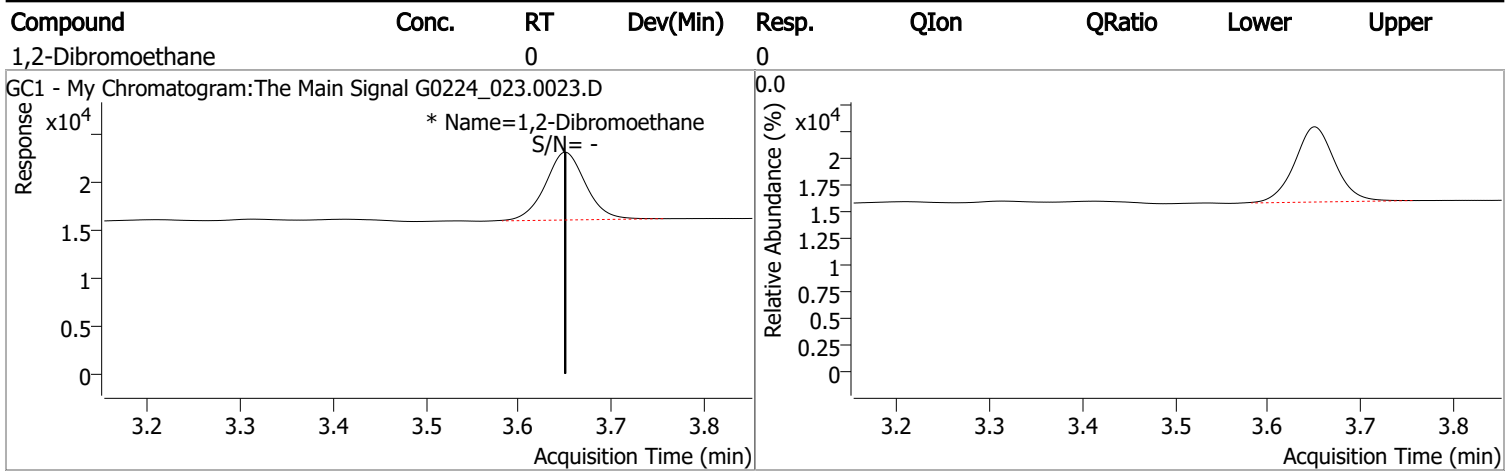
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.968	0.0	38959	0.1159	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 115.85%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.650	0.0	0		µg/L	md

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

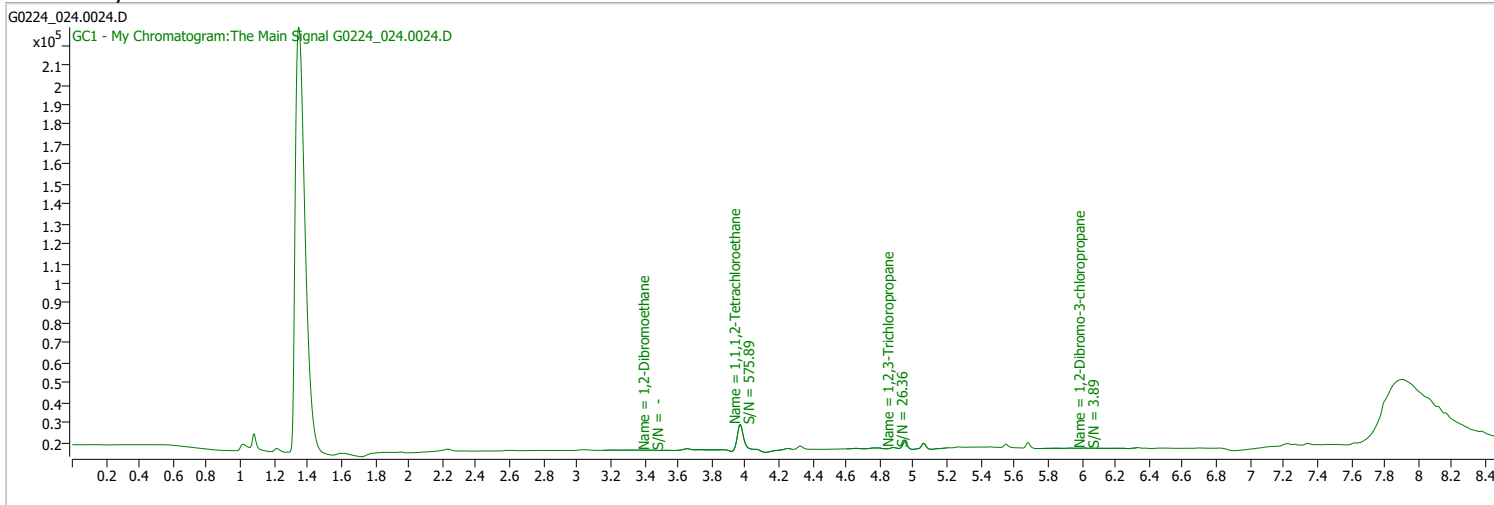
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0224_024.0024.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 7:24:14 PM
Sample Name	B22021435-010A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

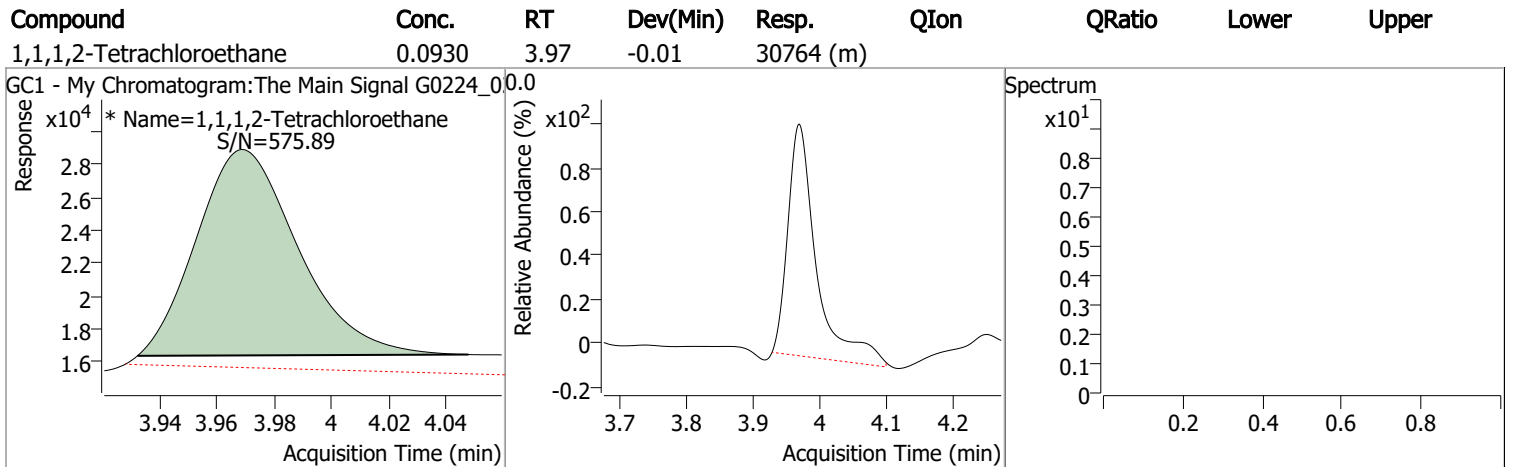
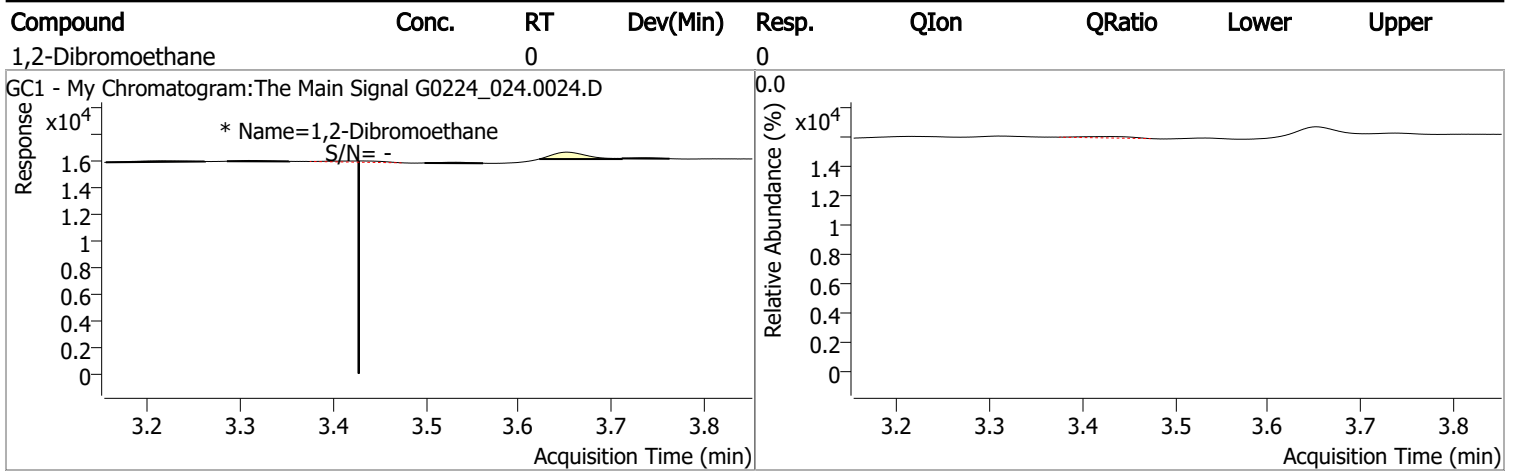
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.969	0.0	30764	0.0930	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 93.04%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.428	0.0	0		µg/L	md
						<b>QValue</b> 1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

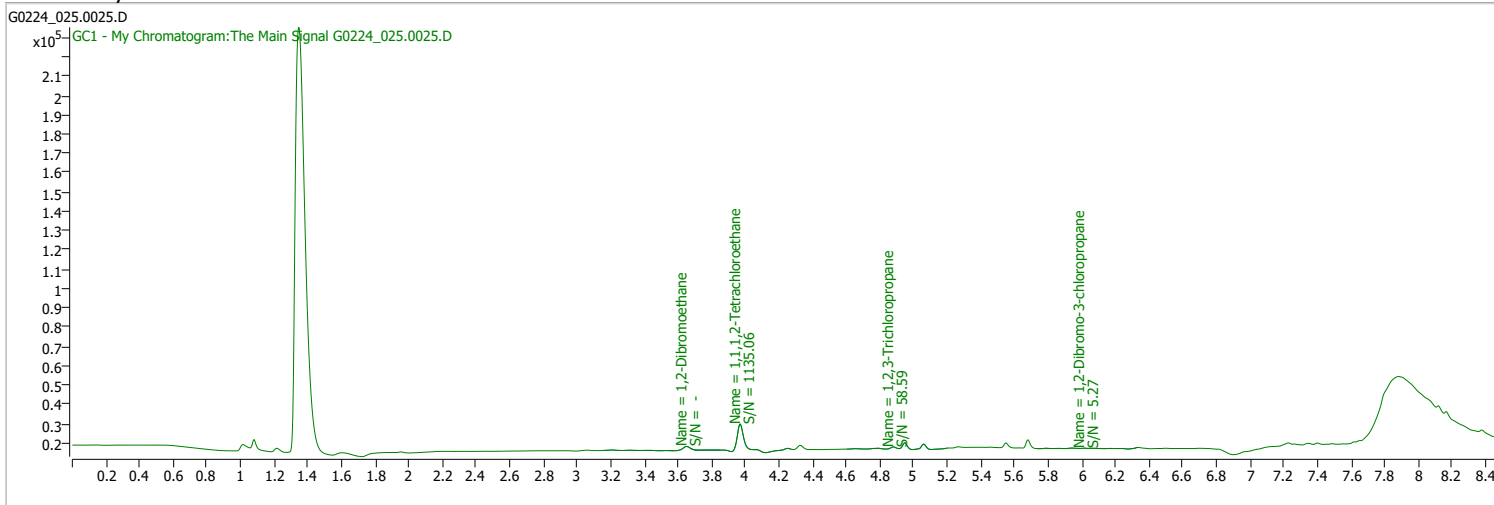
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0224_025.0025.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 7:44:02 PM
Sample Name	B22021435-012H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

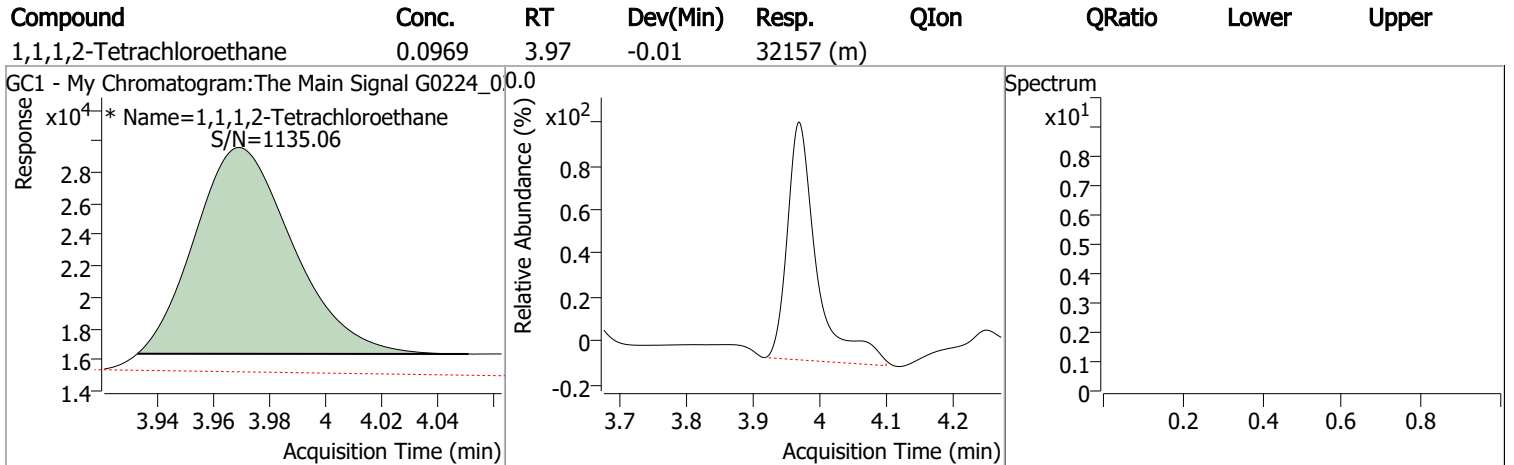
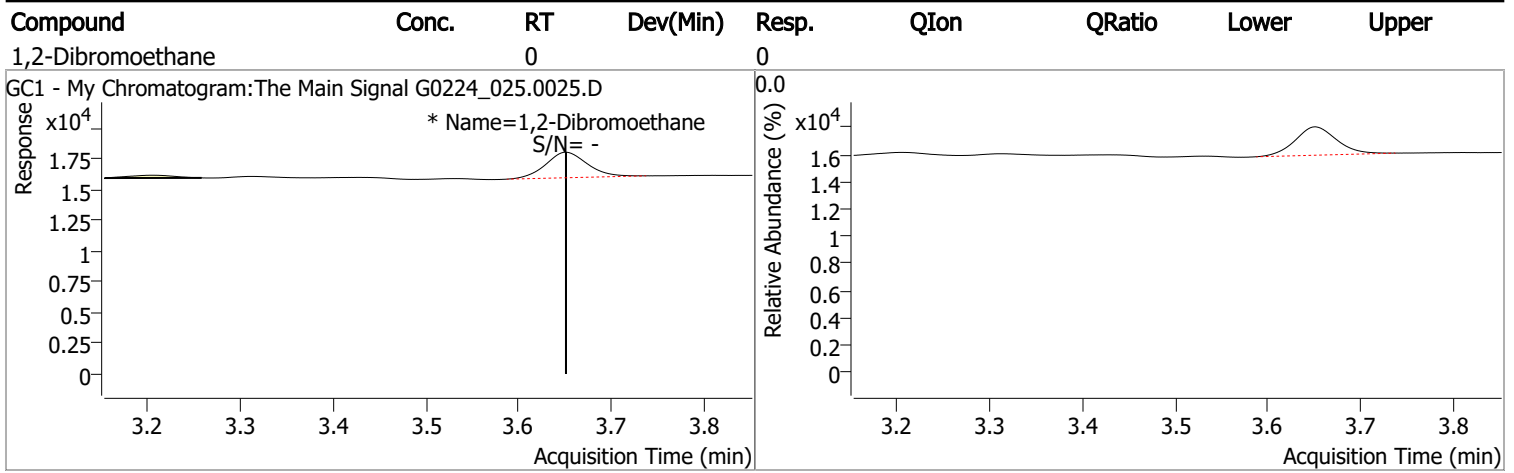
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.968	0.0	32157	0.0969	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 96.93%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.651	0.0	0		µg/L	md
						<b>QValue</b> 1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

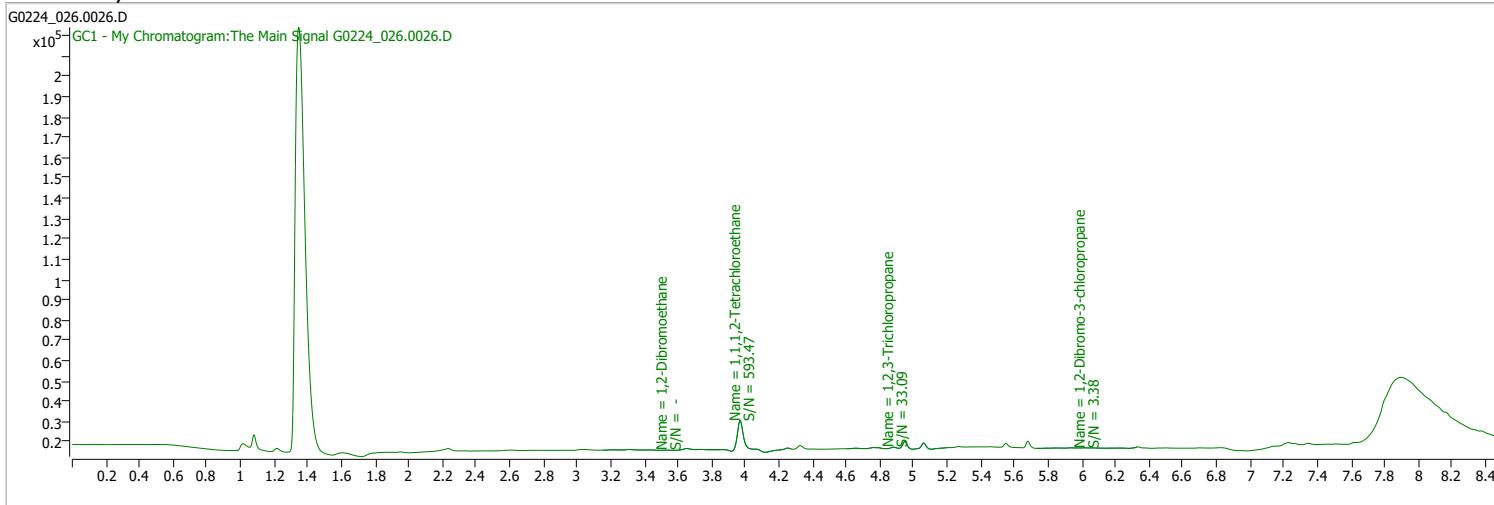




# Quantitation Results Report (QT Reviewed)

Data File	G0224_026.0026.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 8:03:38 PM
Sample Name	B22021435-015A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

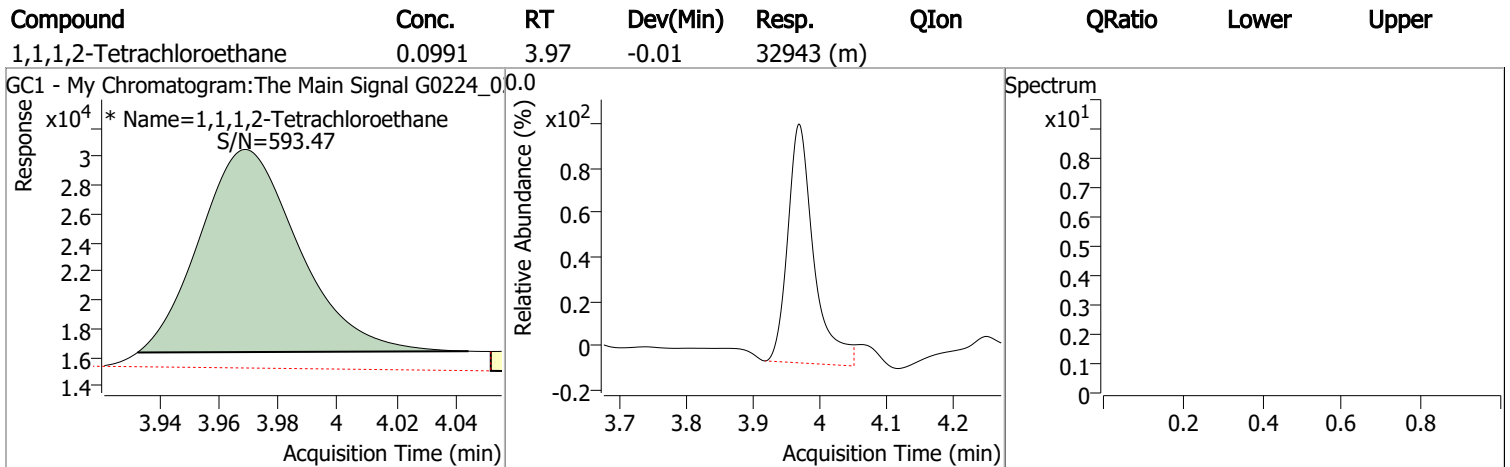
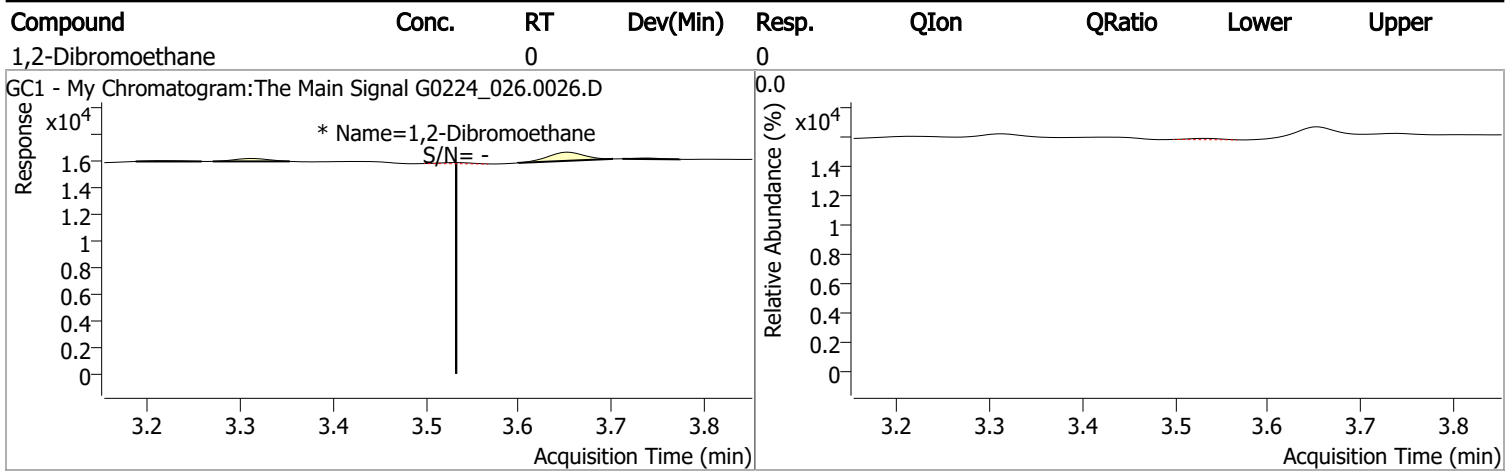
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.968	0.0	32943	0.0991	µg/L	m
Spiked Amount: 0.100			Recovery = 99.12%			
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.533	0.0	0		µg/L	md
						<b>QValue</b>
						1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

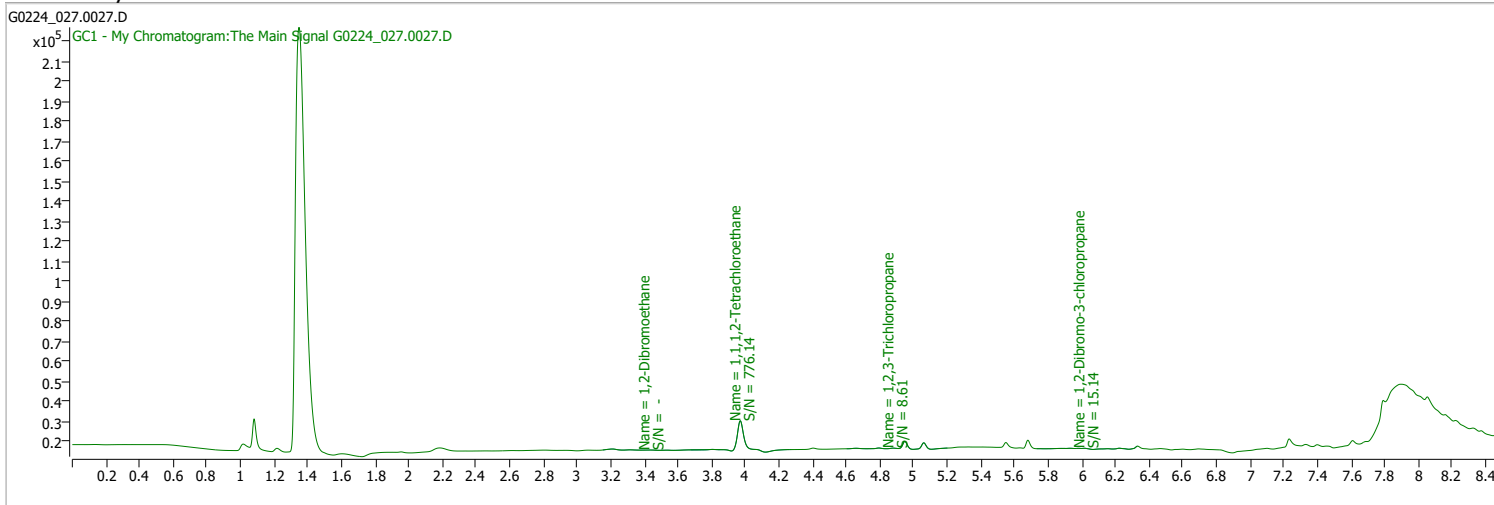
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0224_027.0027.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 8:23:35 PM
Sample Name	B22021435-017H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

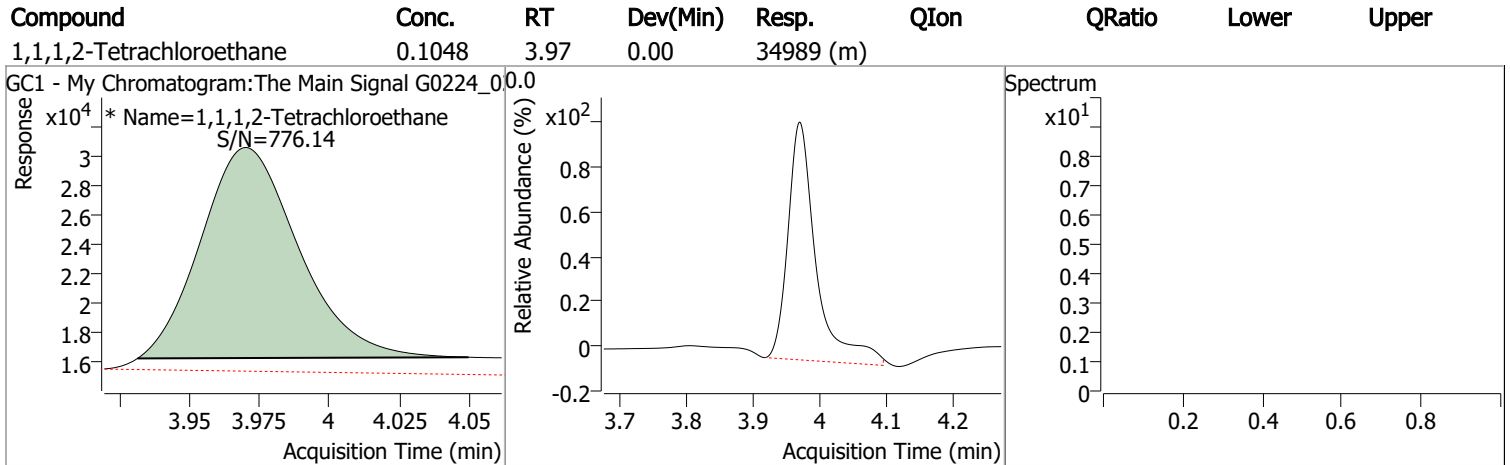
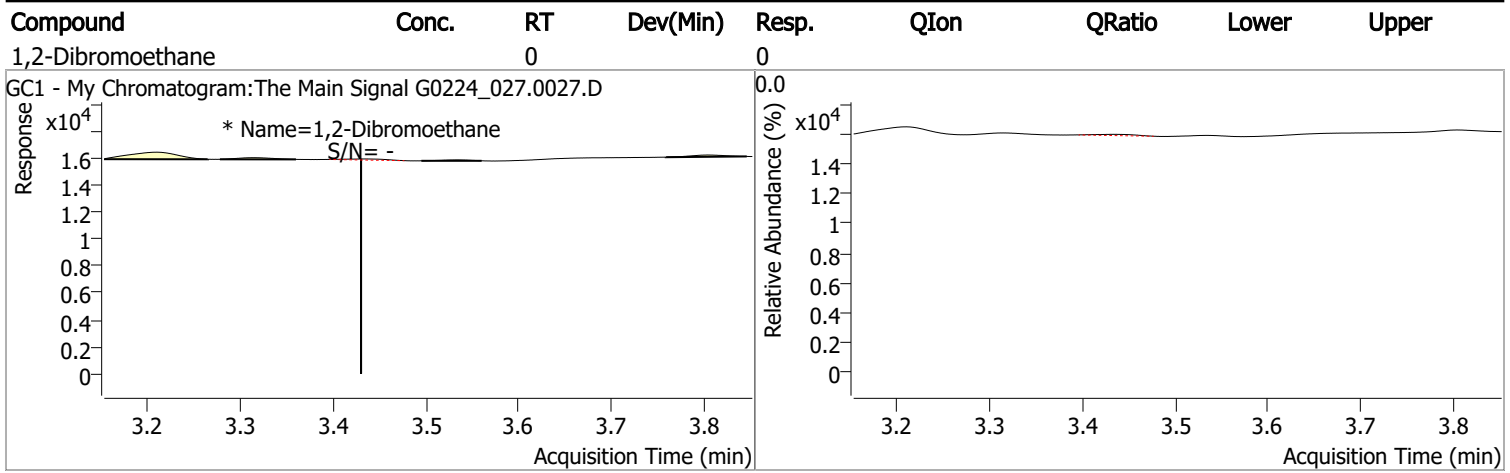
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.970	0.0	34989	0.1048	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 104.81%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.430	0.0	0		µg/L	md
						<b>QValue</b> 1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

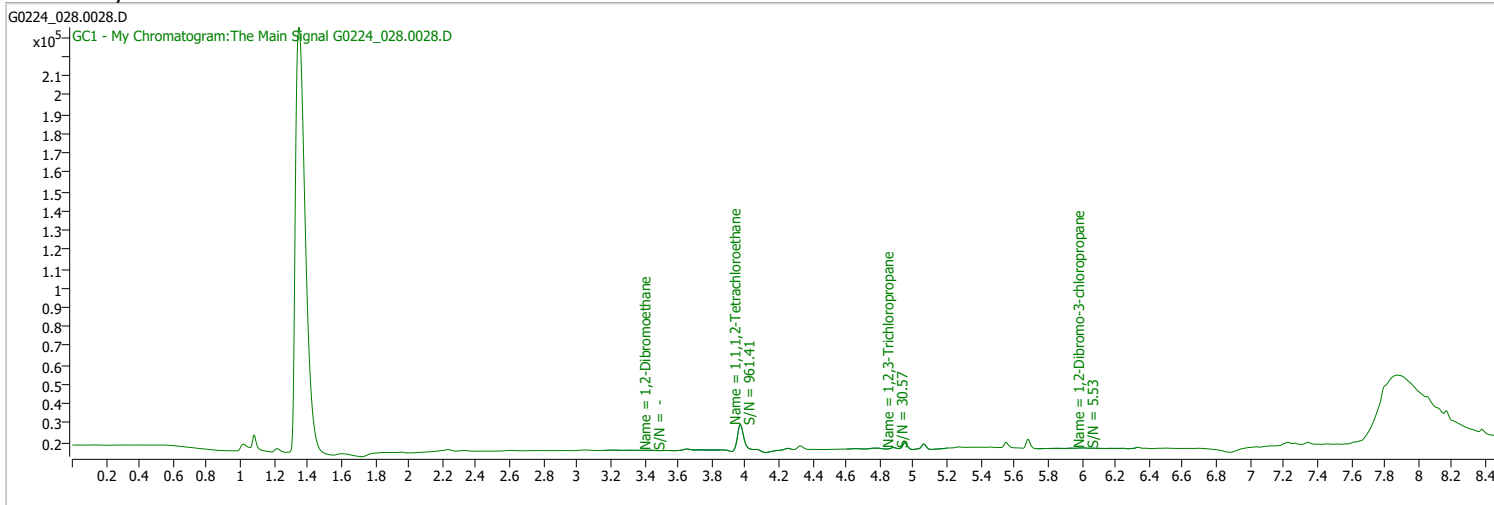
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0224_028.0028.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 8:43:24 PM
Sample Name	B22021435-020A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

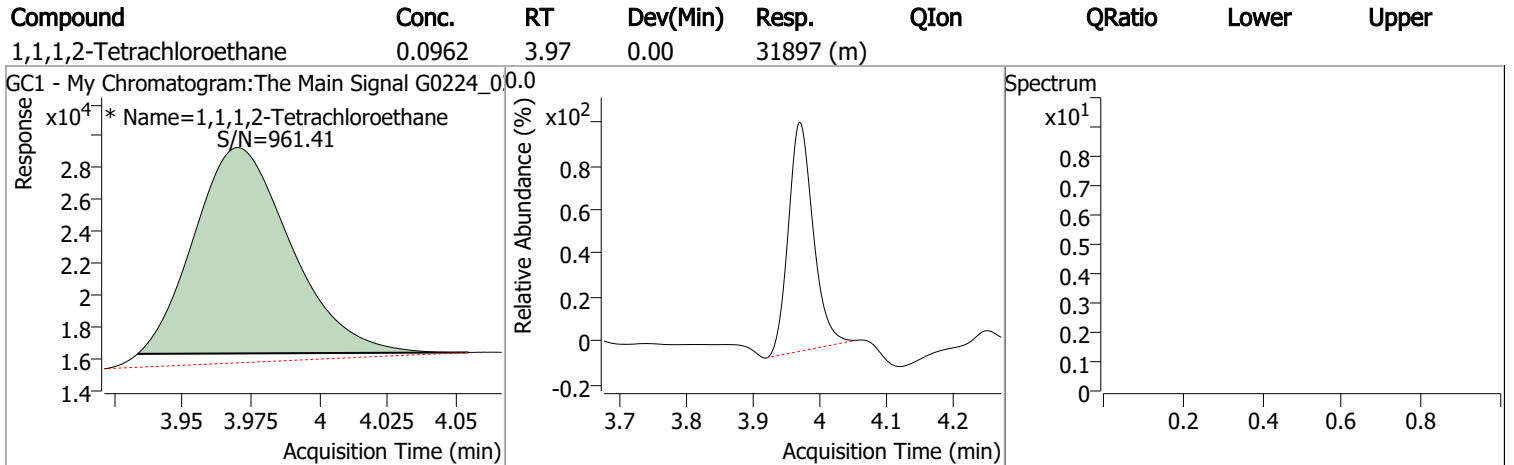
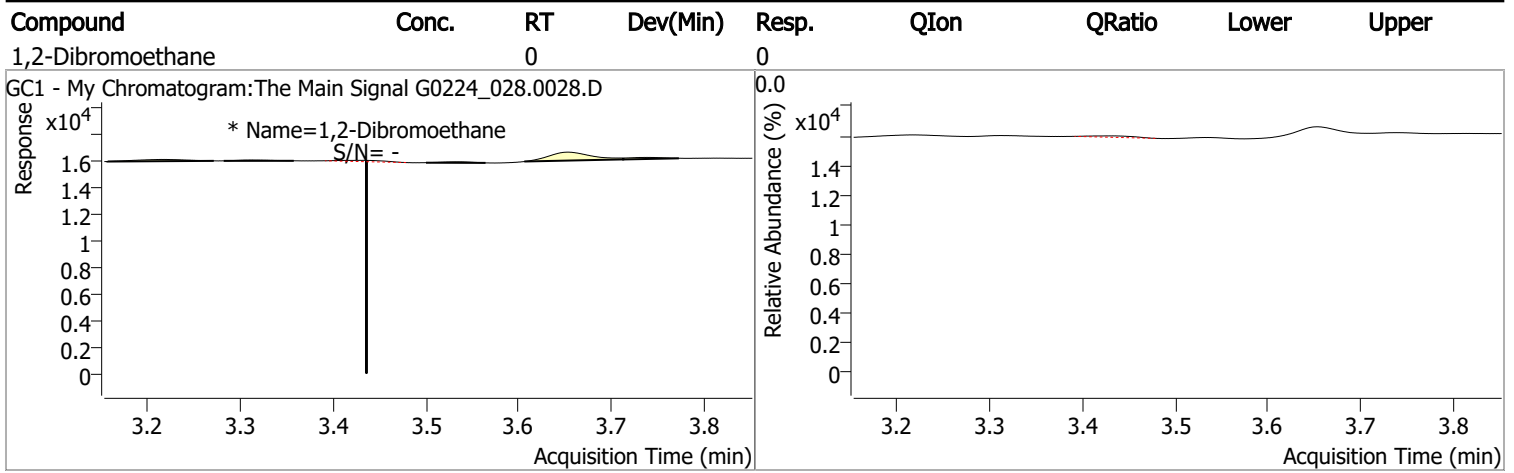
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.970	0.0	31897	0.0962	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 96.20%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.436	0.0	0		µg/L	md
						<b>QValue</b>
						1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

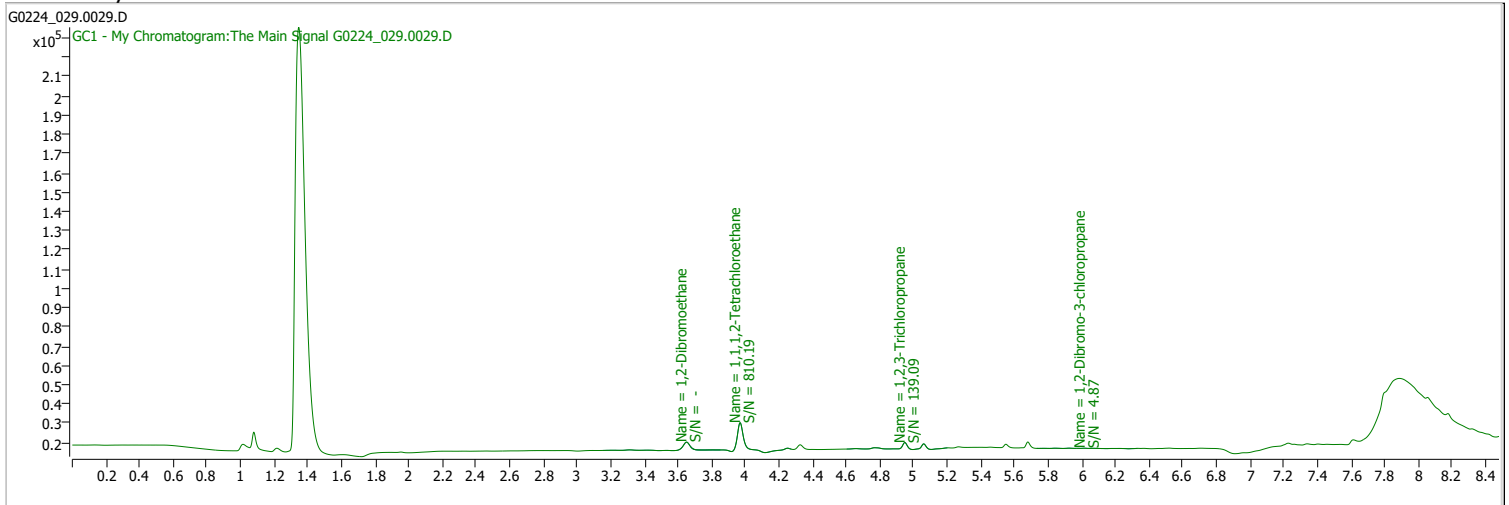
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0224_029.0029.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 9:02:58 PM
Sample Name	B22021435-001H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

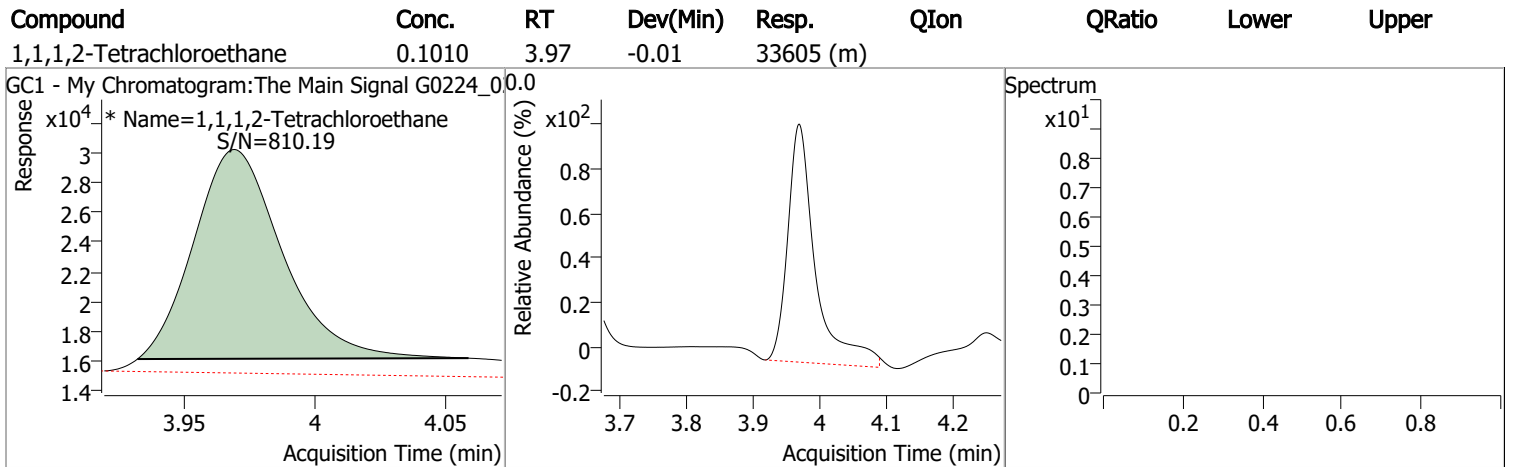
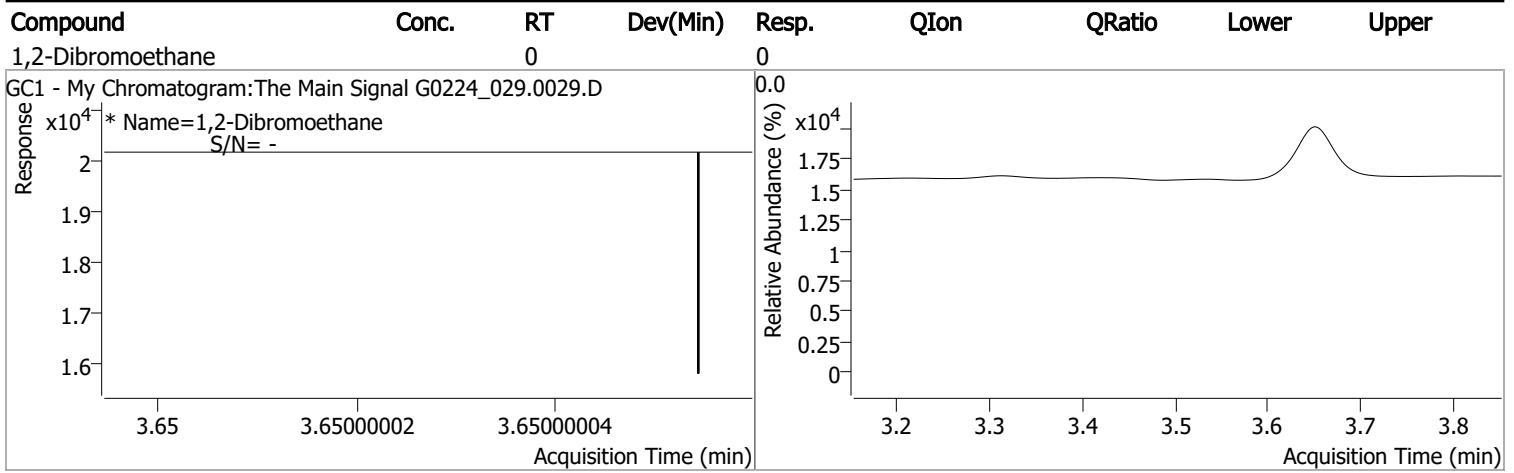
## Ref Library



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.969	0.0	33605	0.1010	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 100.96%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.650	0.0	0		µg/L	md
						<b>QValue</b>
						1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

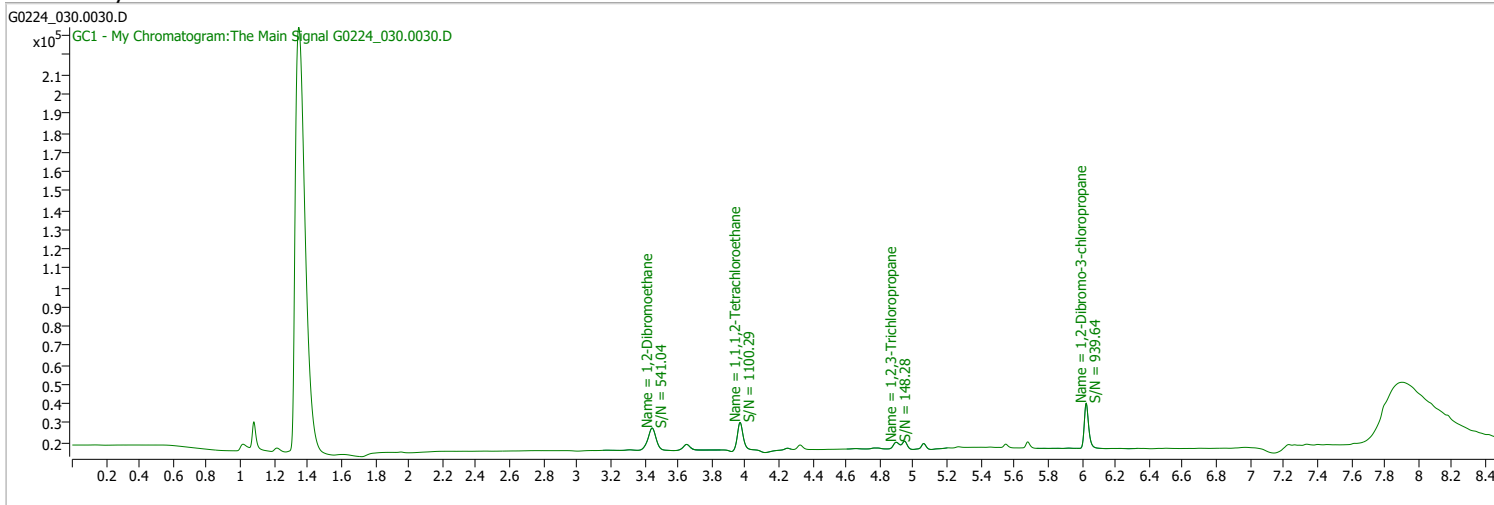




# Quantitation Results Report (QT Reviewed)

Data File	G0224_030.0030.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 9:22:50 PM
Sample Name	B22021435-001HMS	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

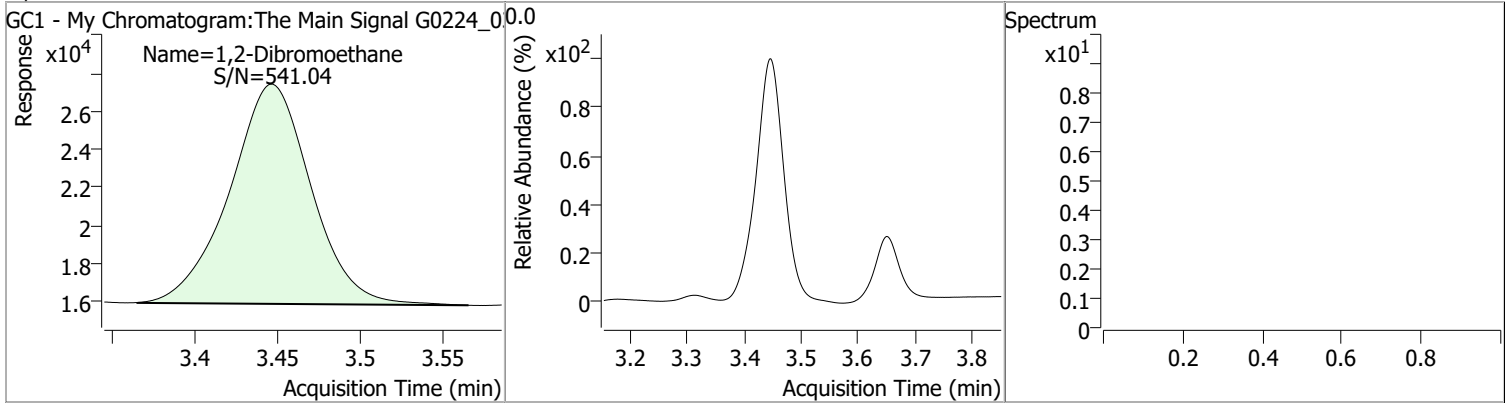


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.968	0.0	32008	0.0965	µg/L	m
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 96.51%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.447	0.0	39497	0.2417	µg/L	QValue 100

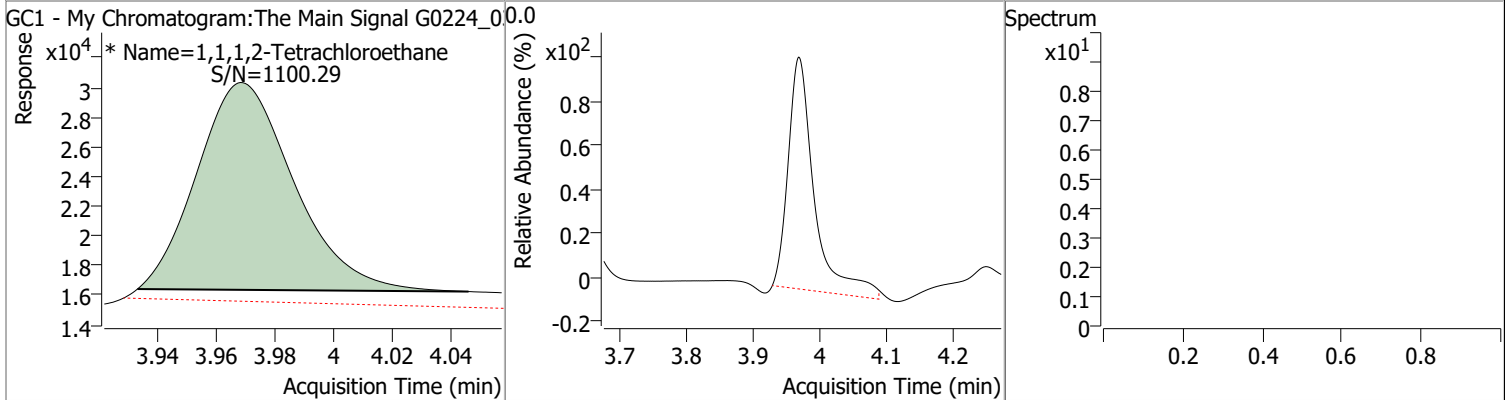
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.2417	3.45	-0.01	39497				



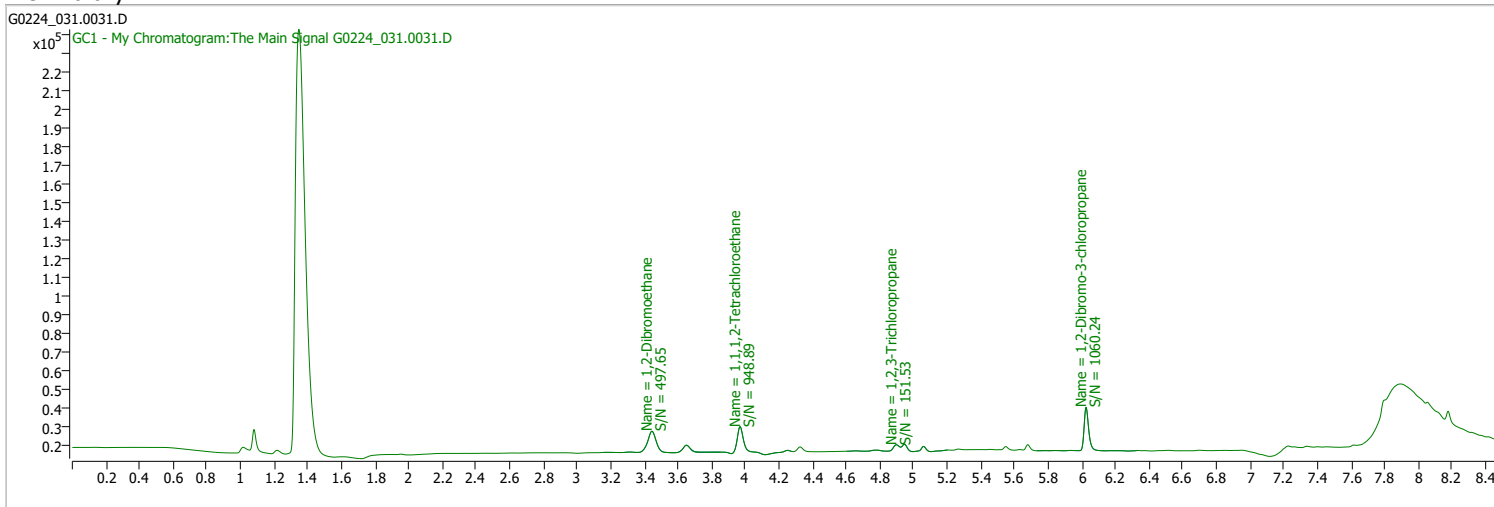
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0965	3.97	-0.01	32008 (m)				



# Quantitation Results Report (QT Reviewed)

Data File	G0224_031.0031.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 9:42:32 PM
Sample Name	B22021435-001HMSD	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

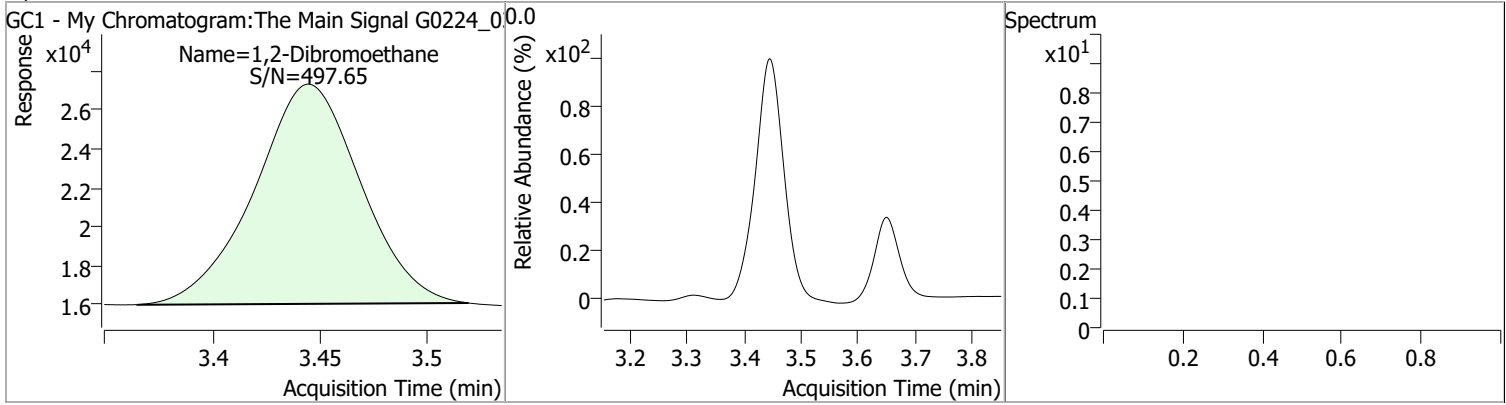


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.968	0.0	32849	0.0989	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 98.85%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.445	0.0	38858	0.2376	µg/L	100

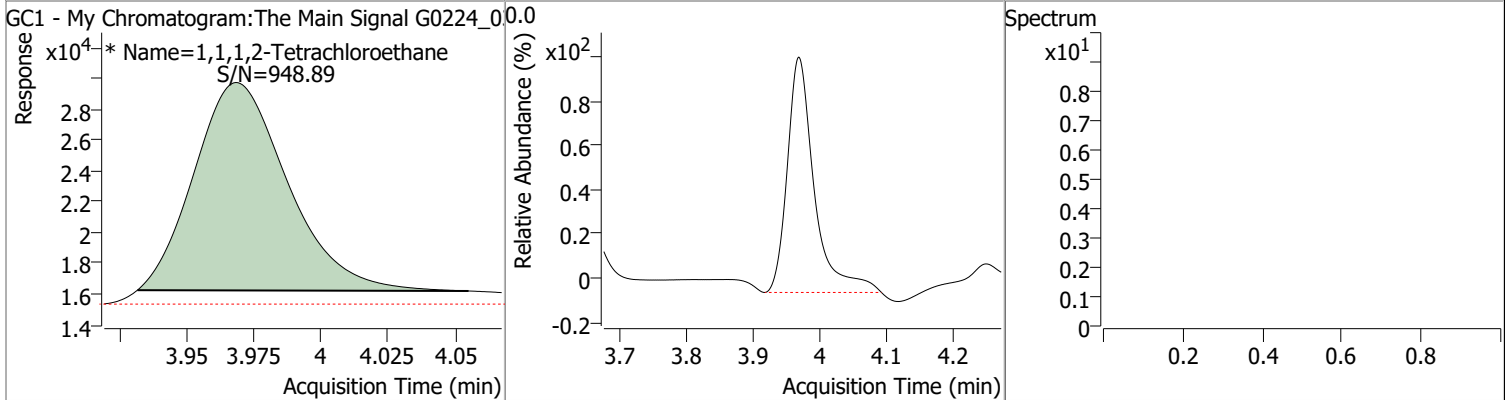
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.2376	3.45	-0.01	38858				



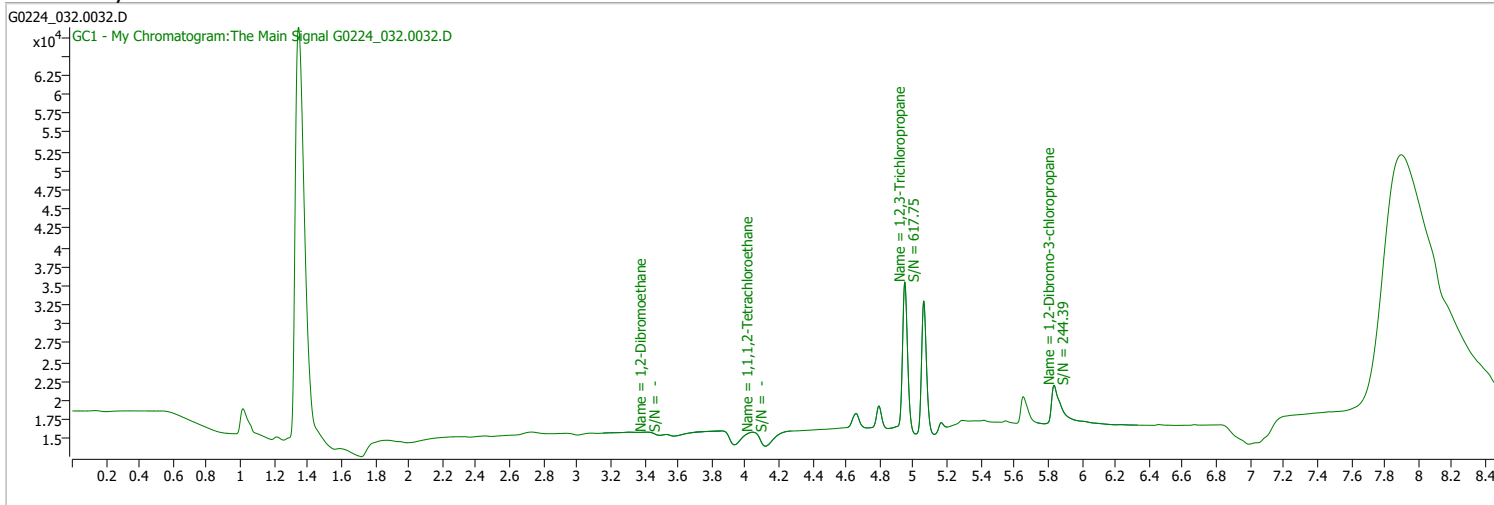
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0989	3.97	-0.01	32849 (m)				



# Quantitation Results Report (QT Reviewed)

Data File	G0224_032.0032.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 10:02:17 PM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

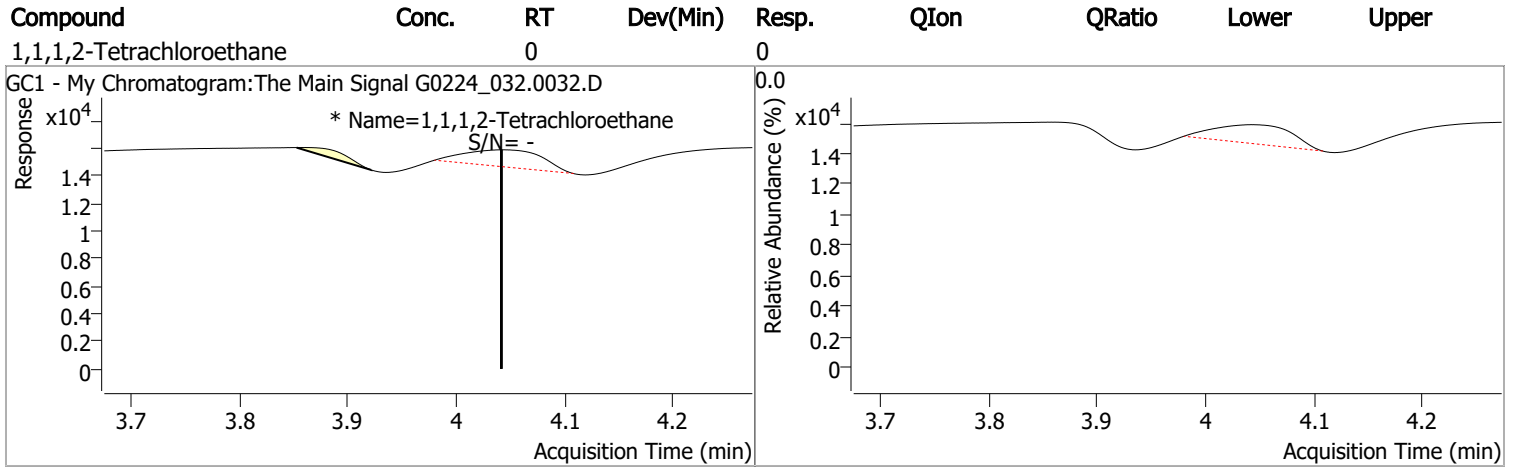
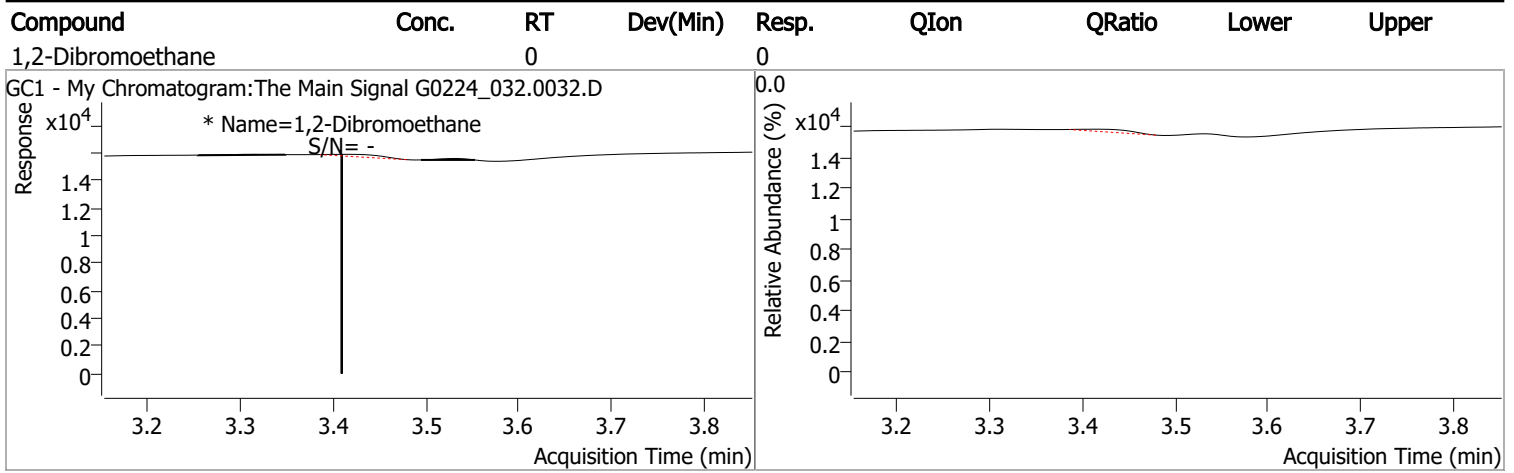
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	4.042	0.0	0		µg/L	md
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = NA%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.409	0.0	0		µg/L	md
						<b>QValue</b>
						1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

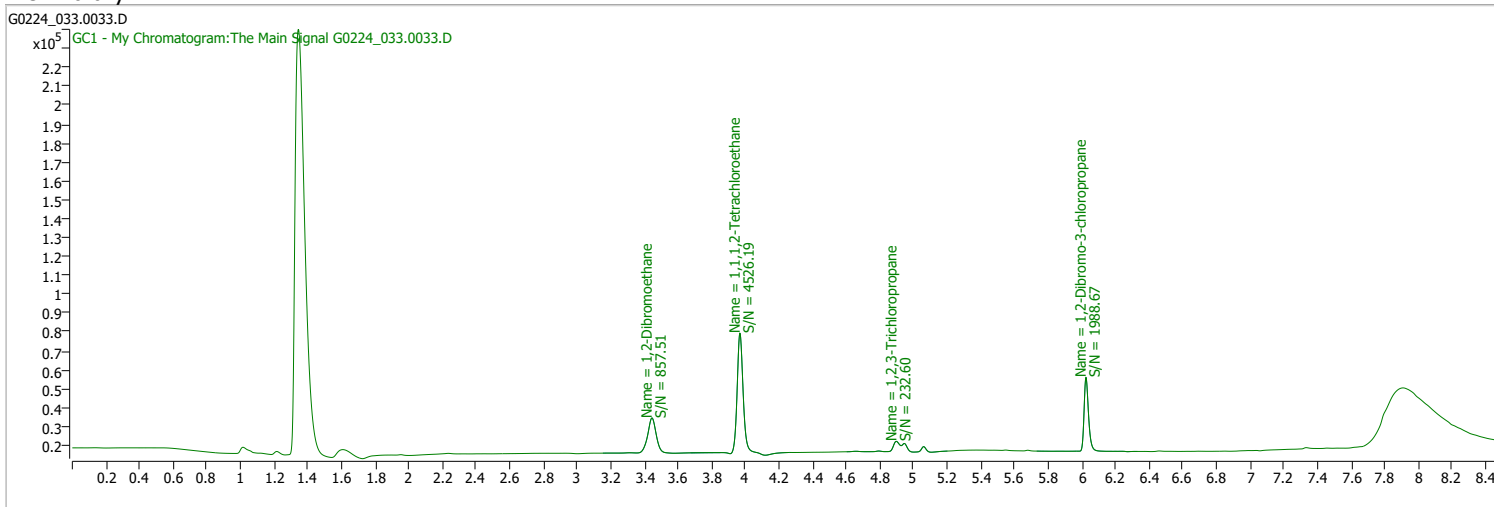
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0224_033.0033.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 10:22:01 PM
Sample Name	CAL5-163984	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

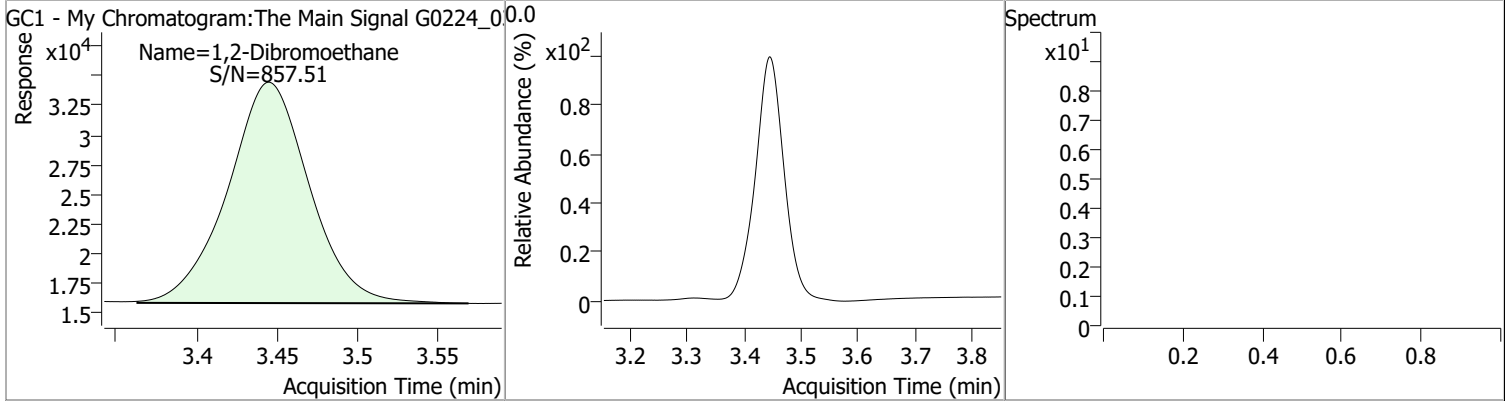


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.968	0.0	152809	0.4232	µg/L	m
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 423.15%		*
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.445	0.0	65765	0.4143	µg/L	QValue 100

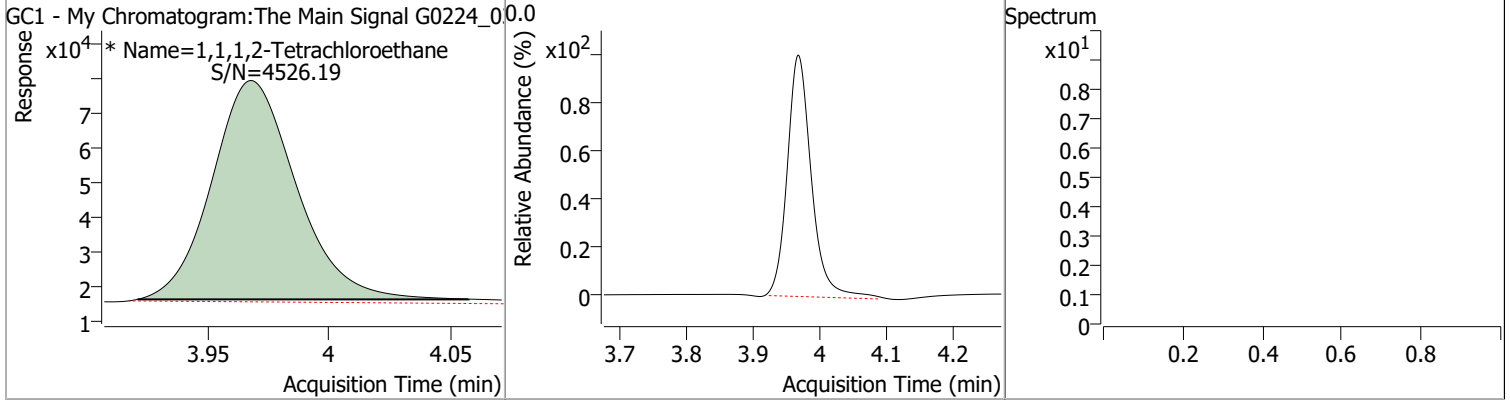
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.4143	3.45	-0.01	65765				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.4232	3.97	-0.01	152809 (m)				

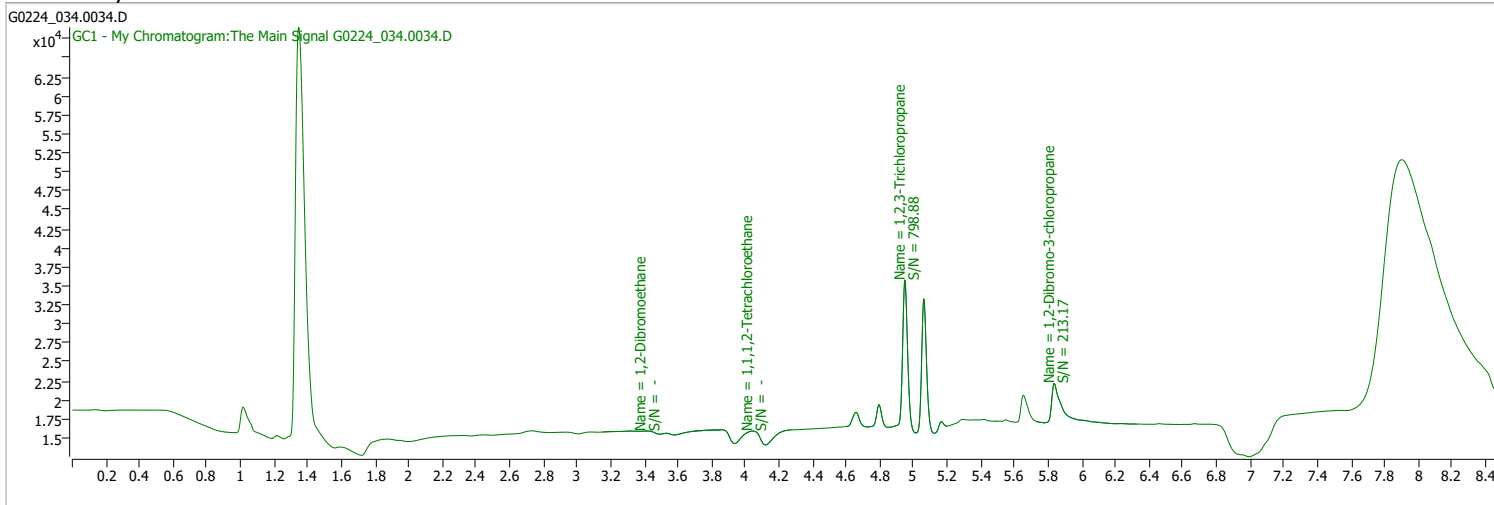




# Quantitation Results Report (QT Reviewed)

Data File	G0224_034.0034.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 10:41:51 PM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

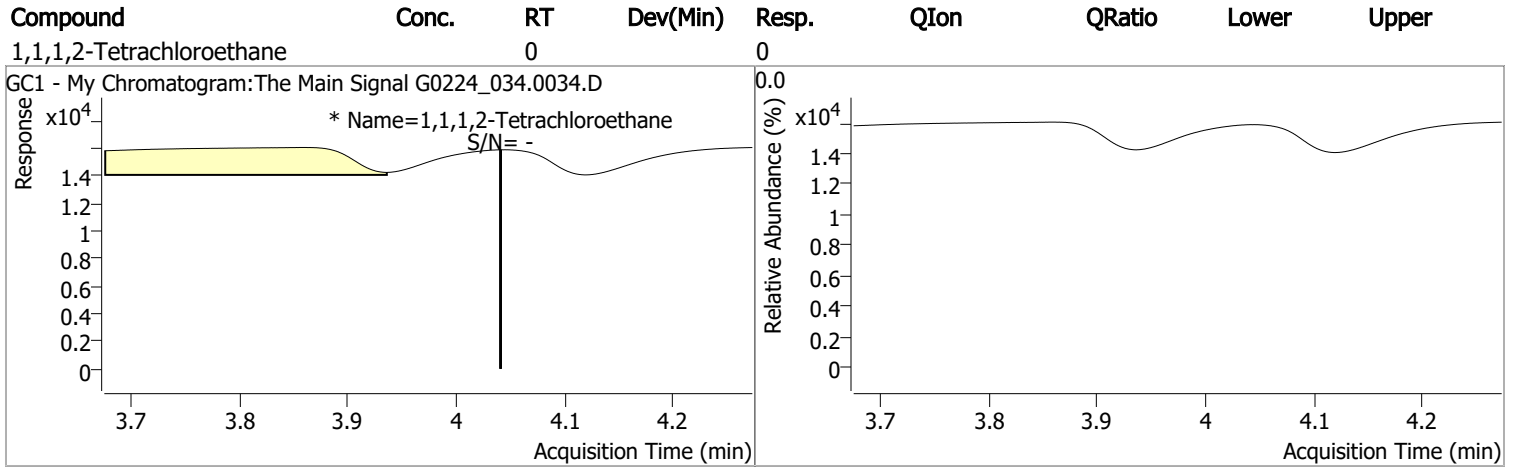
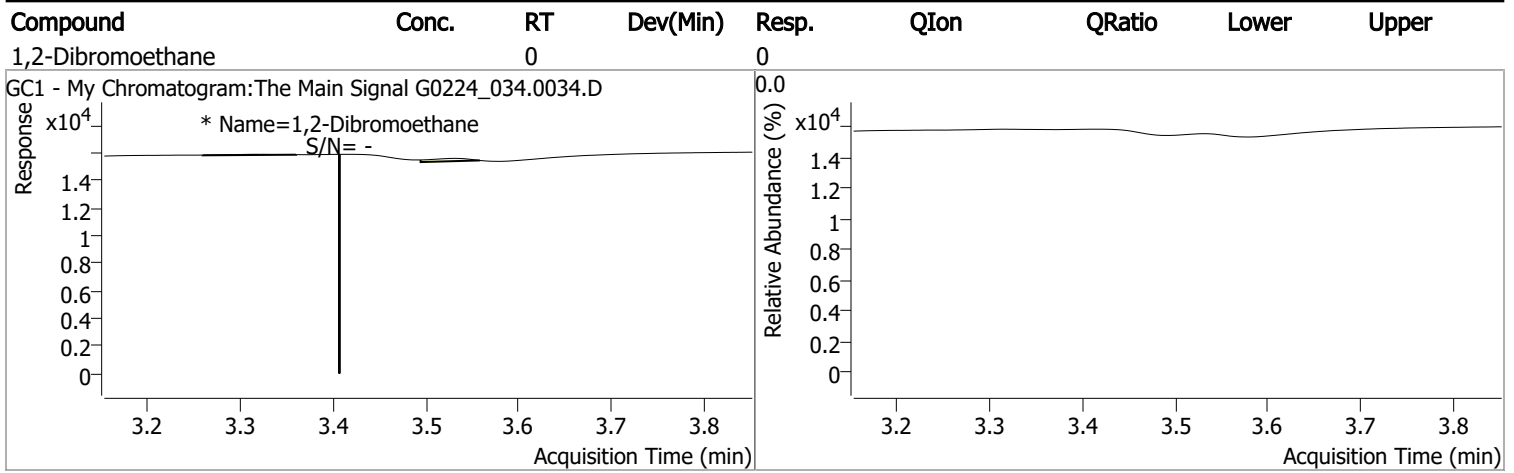
## Ref Library



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	4.041	0.0	0		µg/L	md
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = NA%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.407	0.0	0		µg/L	md
						<b>QValue</b>
						1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

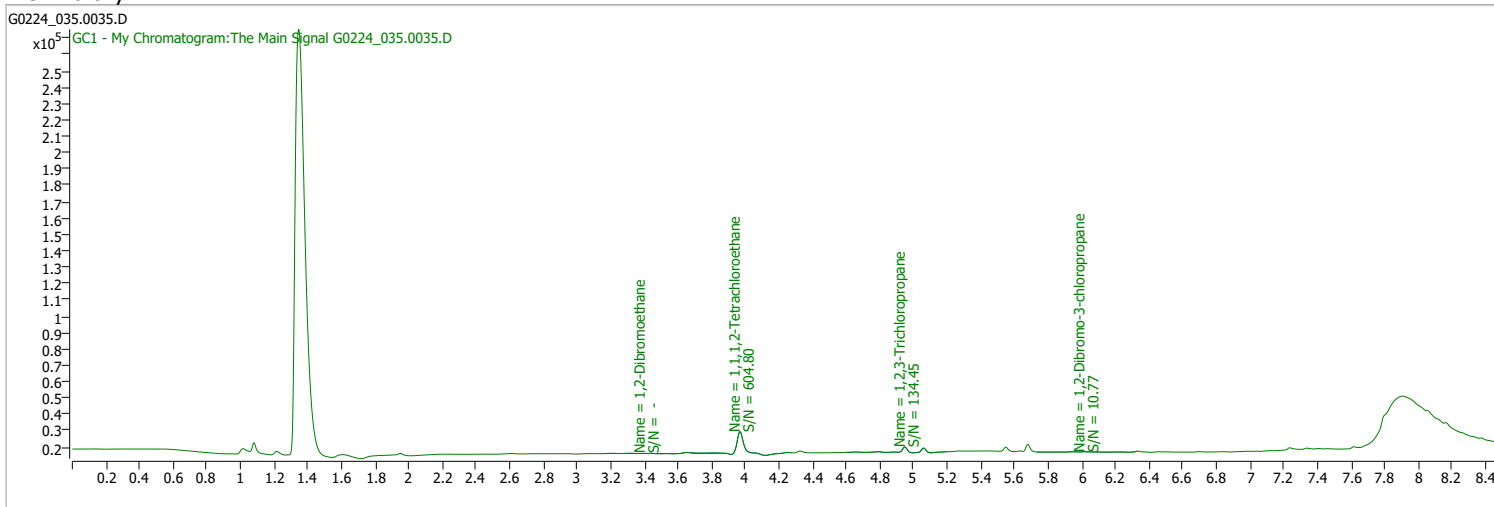
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0224_035.0035.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 11:01:45 PM
Sample Name	B22021435-022H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

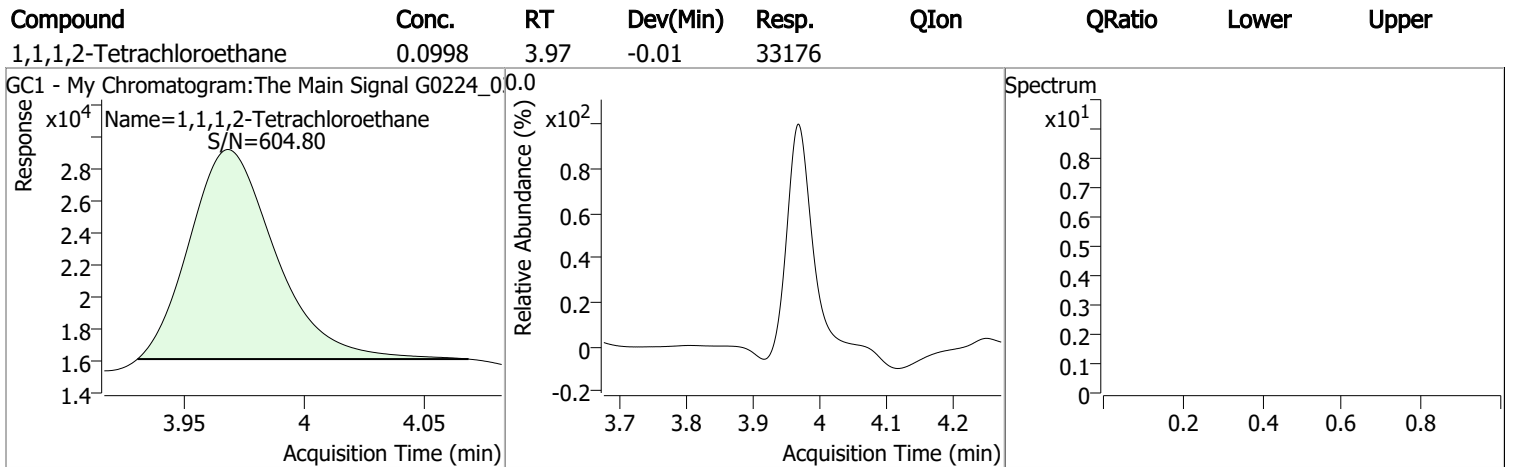
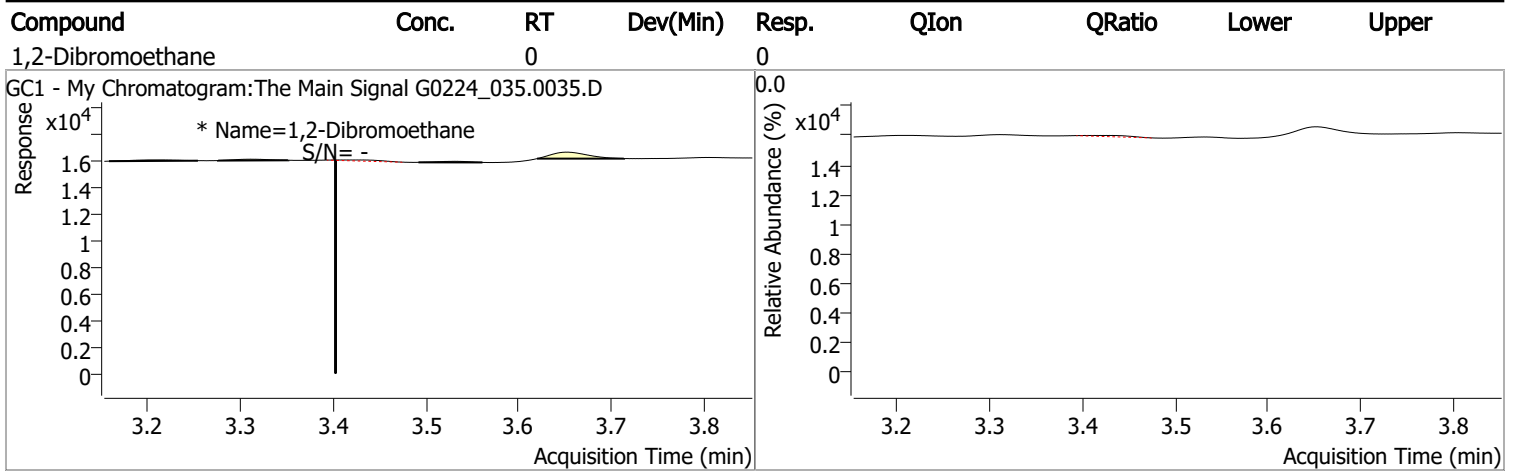
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.968	0.0	33176	0.0998	µg/L	-0.007
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 99.77%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.403	0.0	0		µg/L    md	QValue 1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

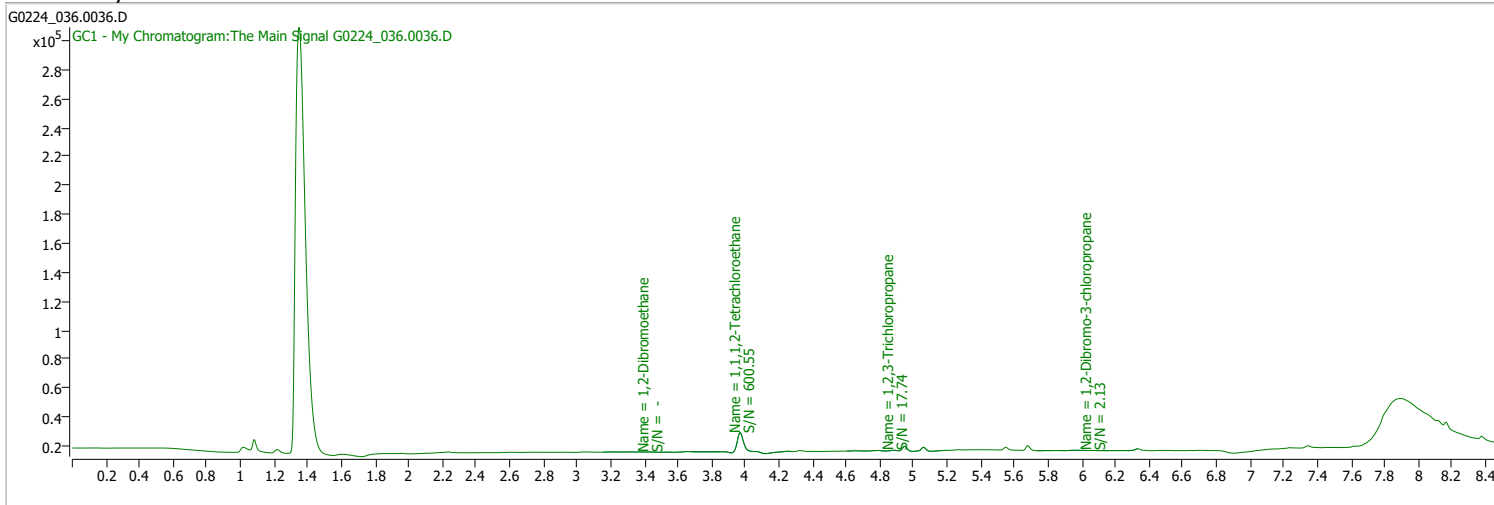
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0224_036.0036.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 11:21:30 PM
Sample Name	B22021435-025A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

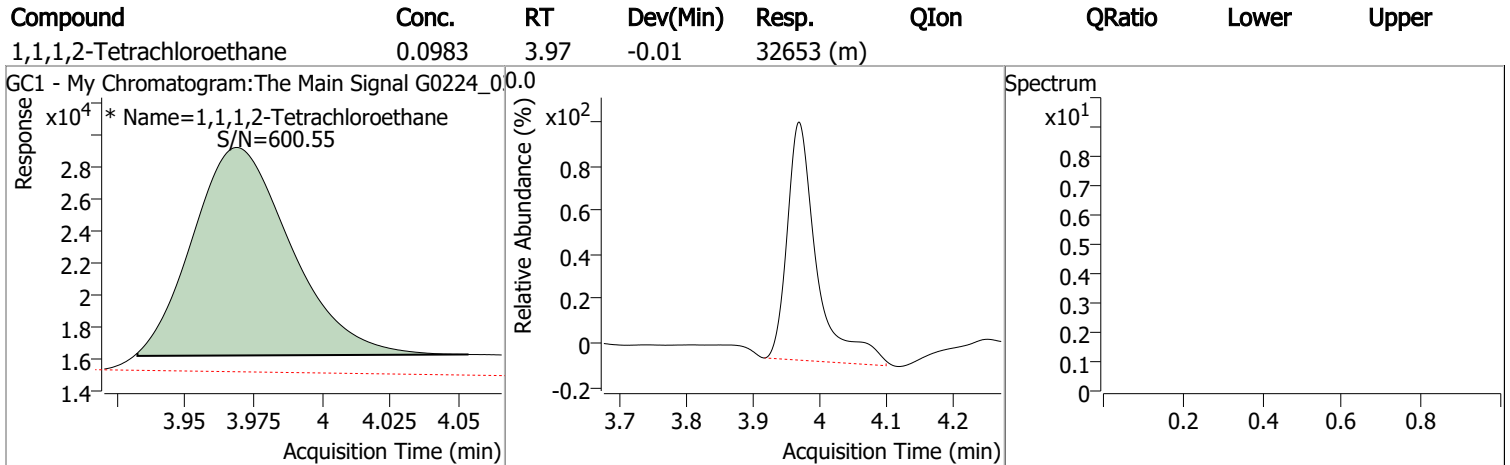
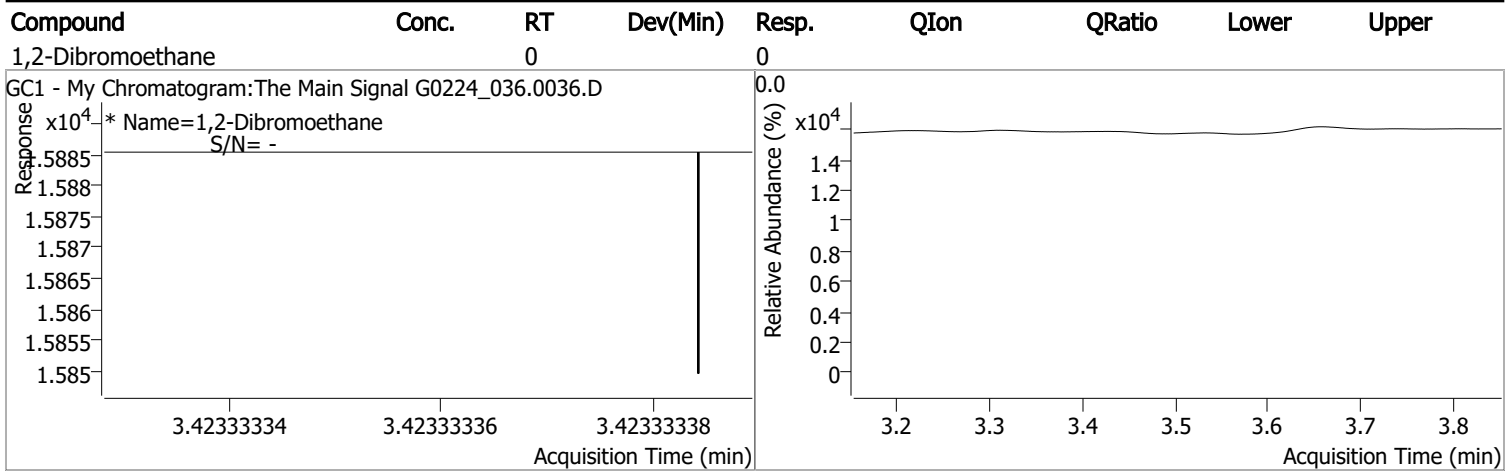
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.968	0.0	32653	0.0983	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 98.31%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.423	0.0	0		µg/L	md
						<b>QValue</b> 1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

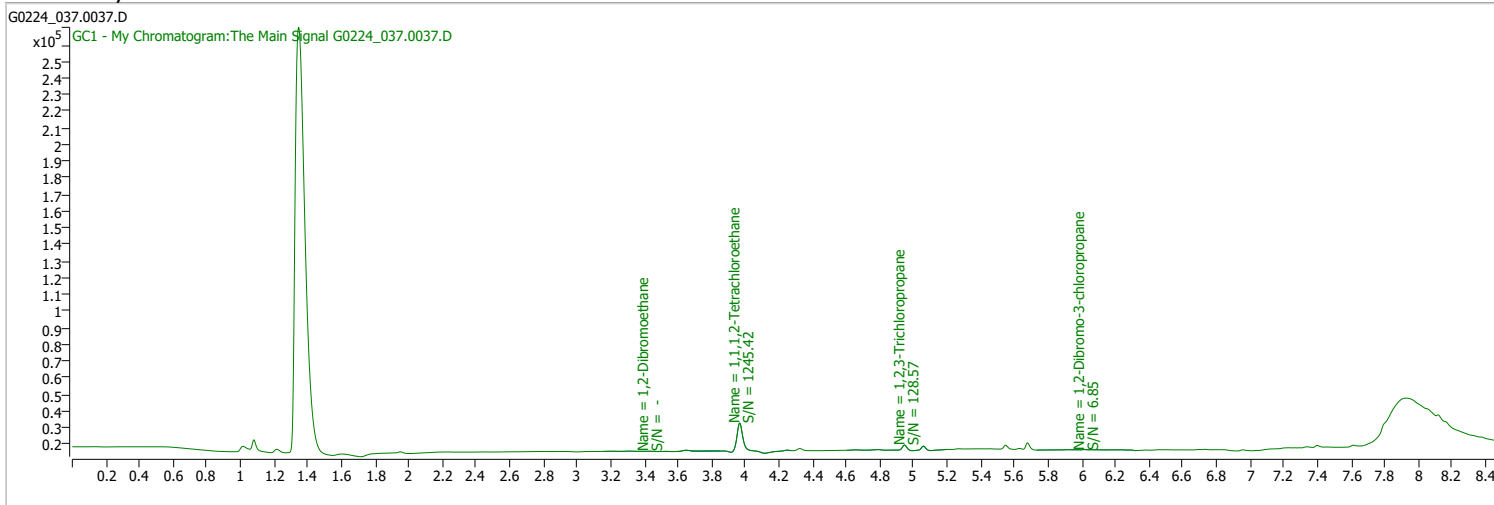
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0224_037.0037.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/24/2022 11:41:09 PM
Sample Name	B22021435-027H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

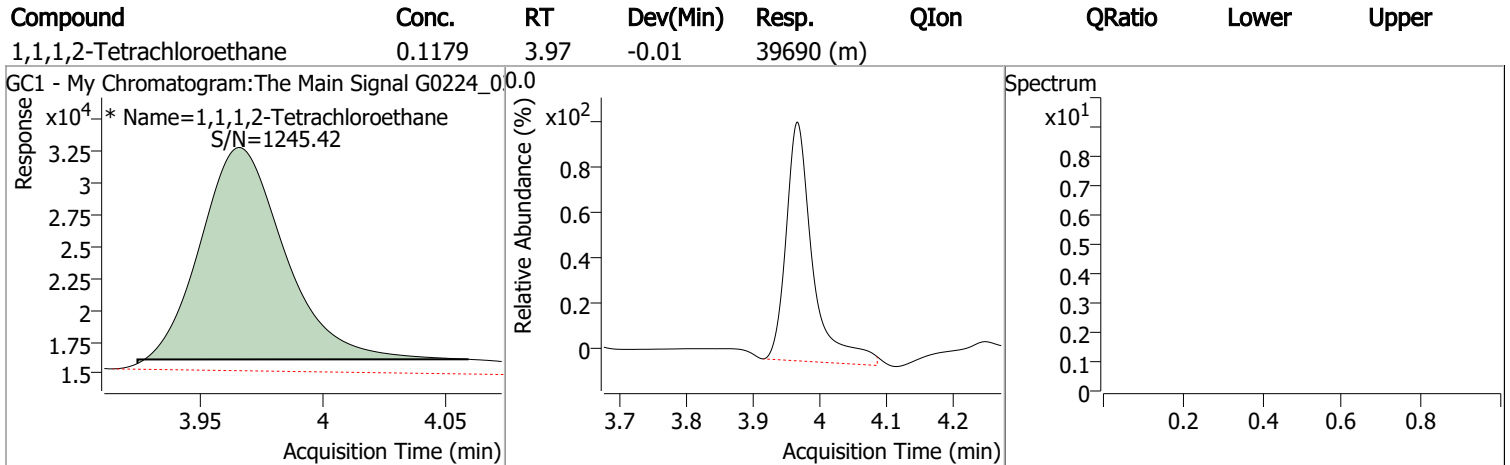
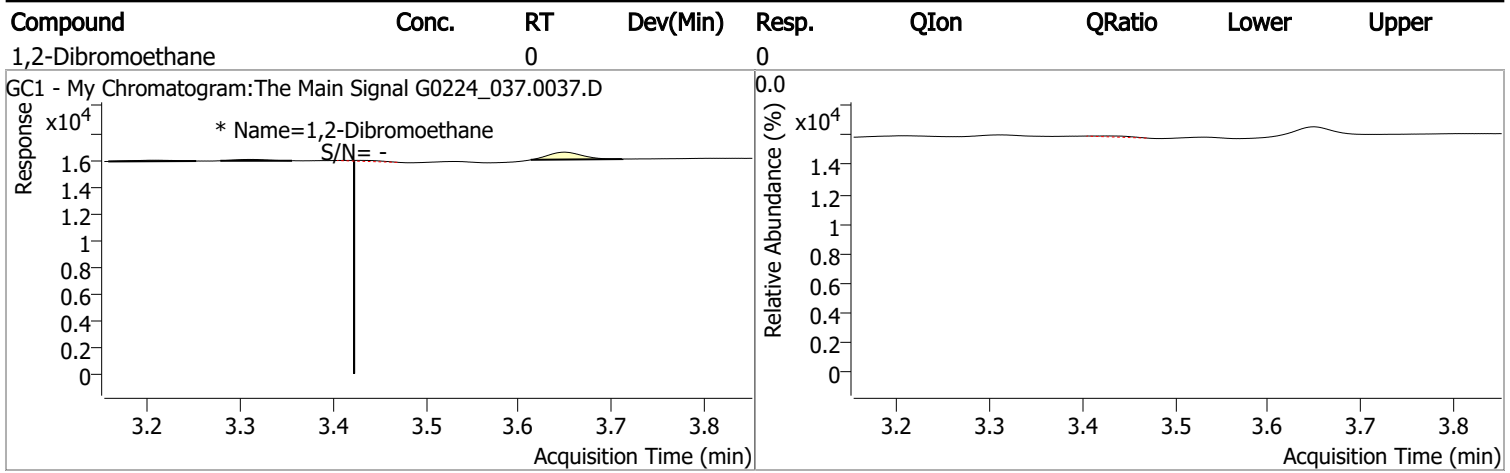
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.966	0.0	39690	0.1179	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 117.88%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.423	0.0	0		µg/L	md
						<b>QValue</b> 1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

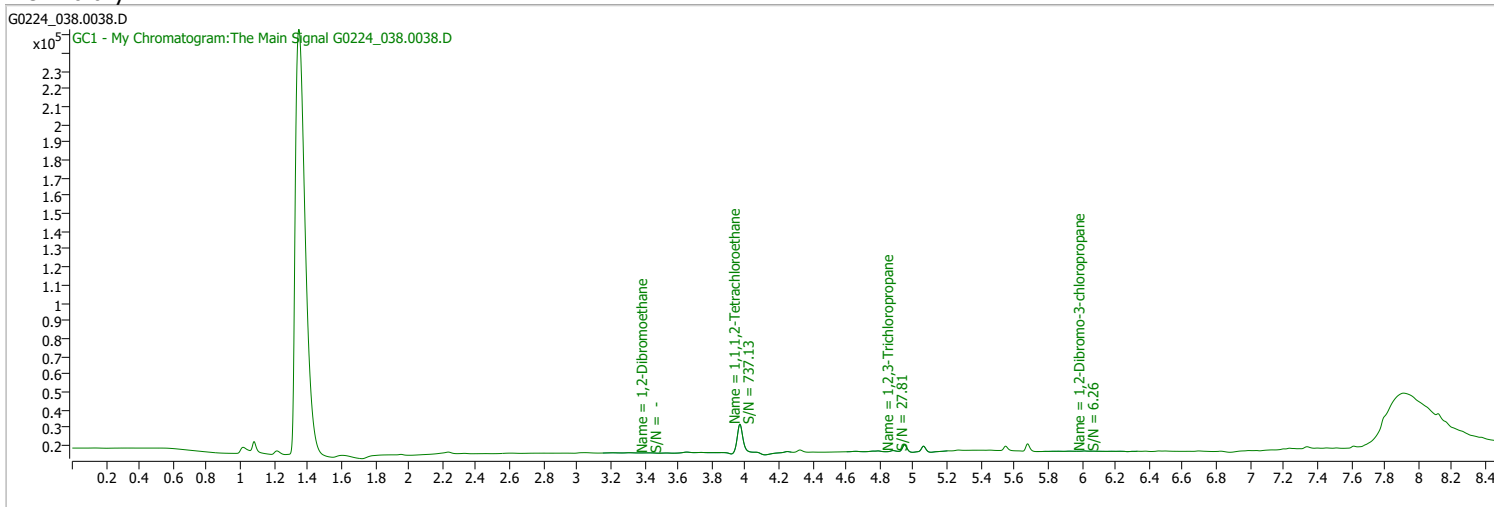




# Quantitation Results Report (QT Reviewed)

Data File	G0224_038.0038.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/25/2022 12:00:50 AM
Sample Name	B22021435-030A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

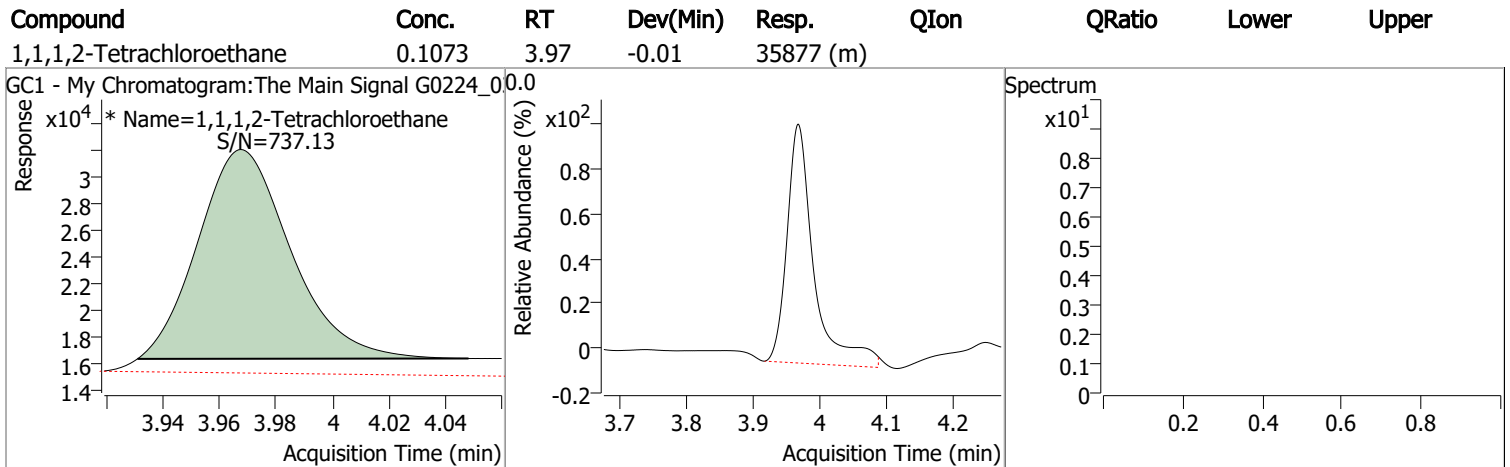
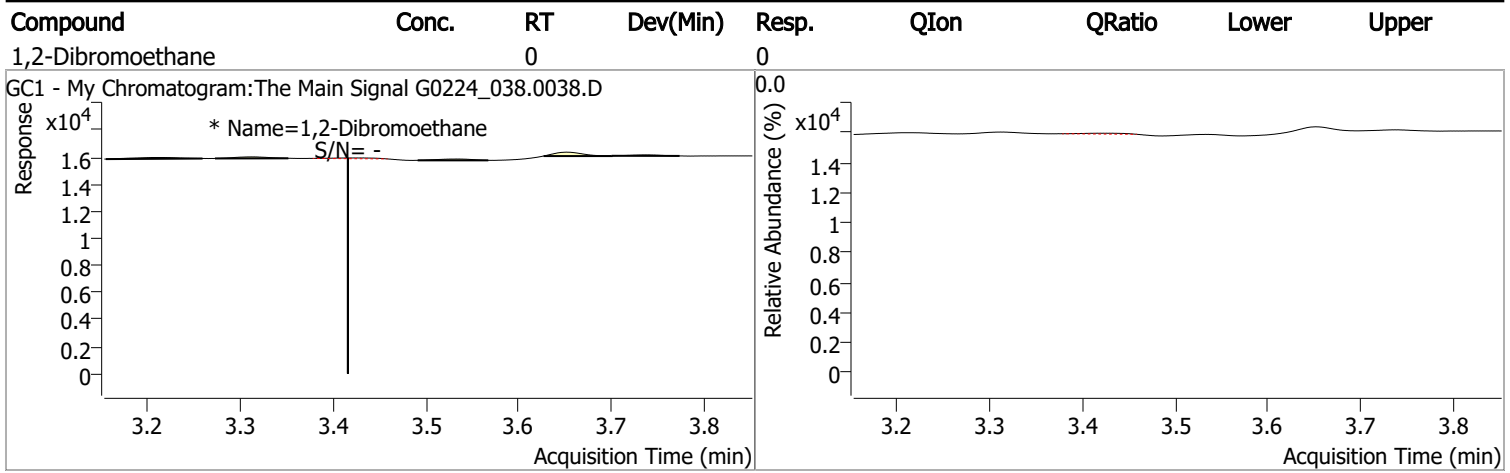
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.968	0.0	35877	0.1073	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 107.28%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.416	0.0	0		µg/L	md
						<b>QValue</b> 1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

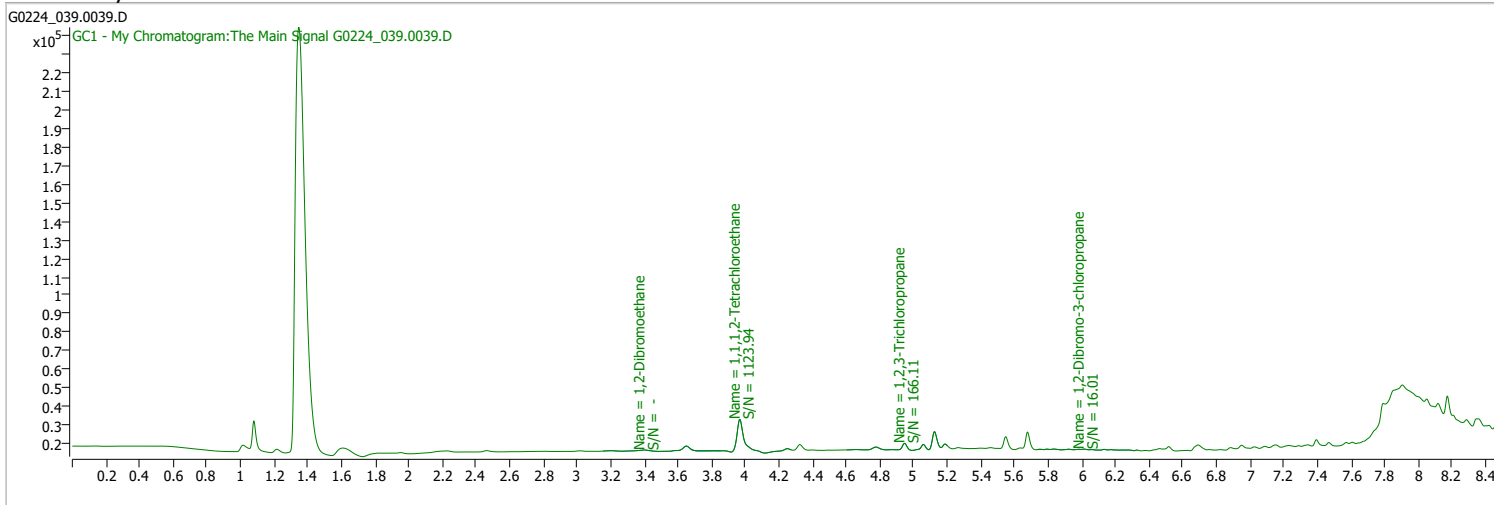
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0224_039.0039.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/25/2022 12:20:35 AM
Sample Name	B22021435-032H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	re-extract
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

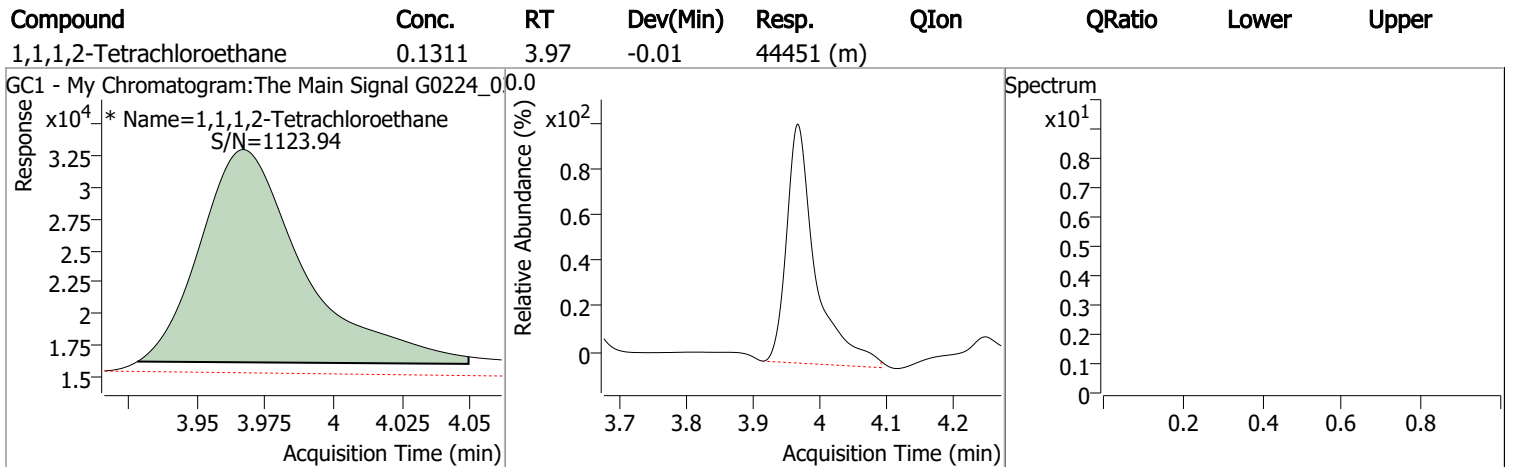
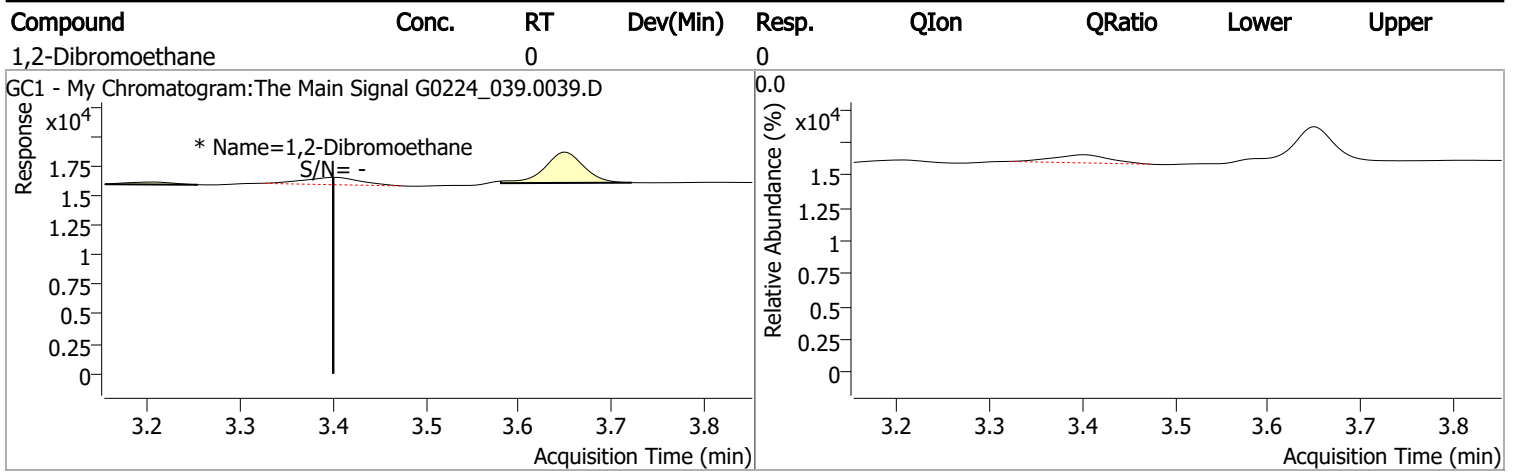
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.967	0.0	44451	0.1311	µg/L	m
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 131.08%		*
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.400	0.0	0		µg/L	md
						<b>QValue</b>
						1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

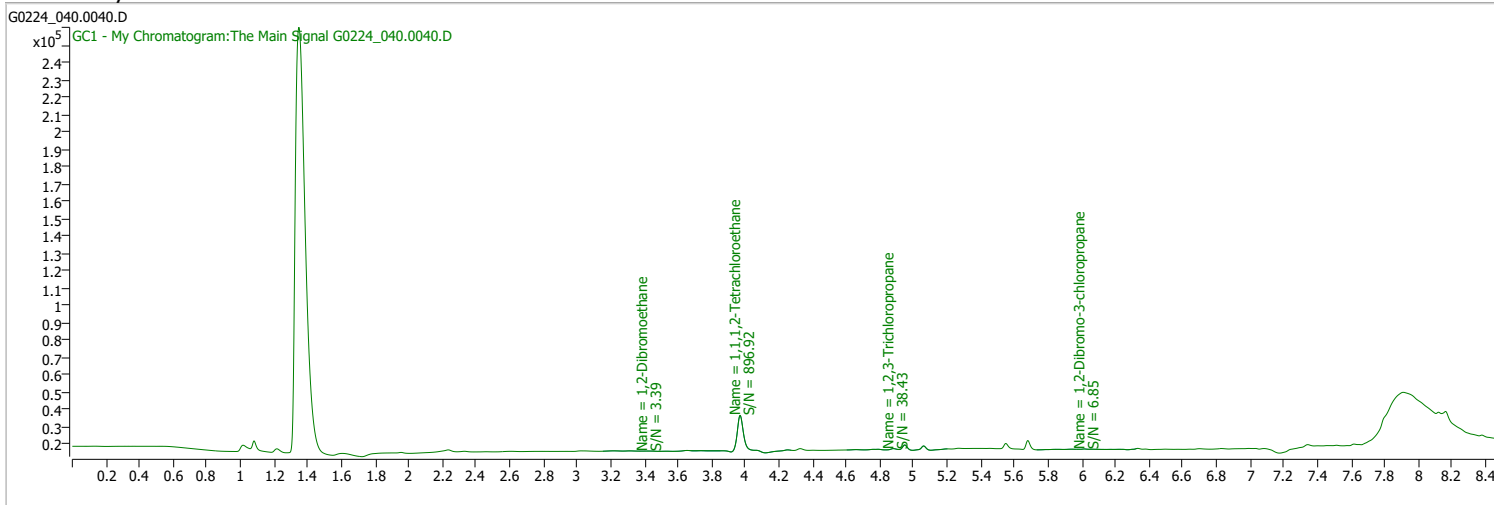
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0224_040.0040.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/25/2022 12:40:21 AM
Sample Name	B22021435-035A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	re-extract
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

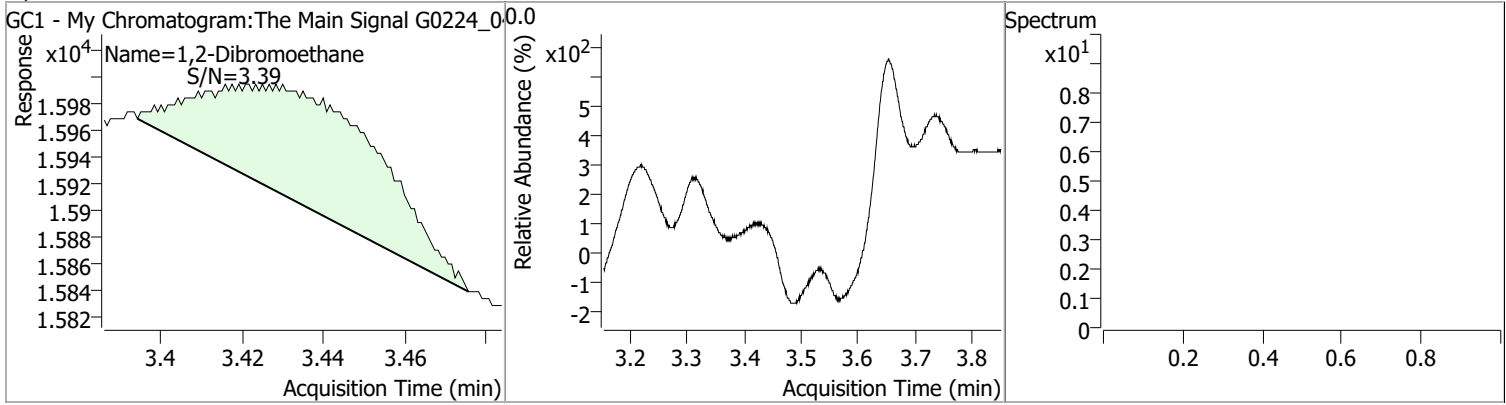


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.968	0.0	49542	0.1452	µg/L	m
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 145.16%		*
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.416	0.0	257	0.0015	µg/L	QValue 100

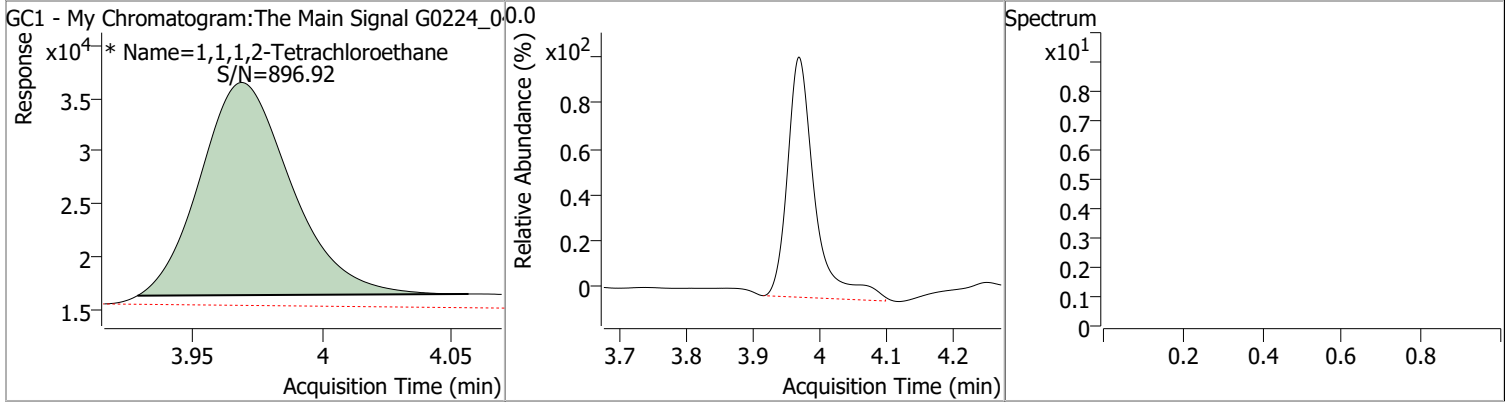
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.0015	3.42	-0.04	257				



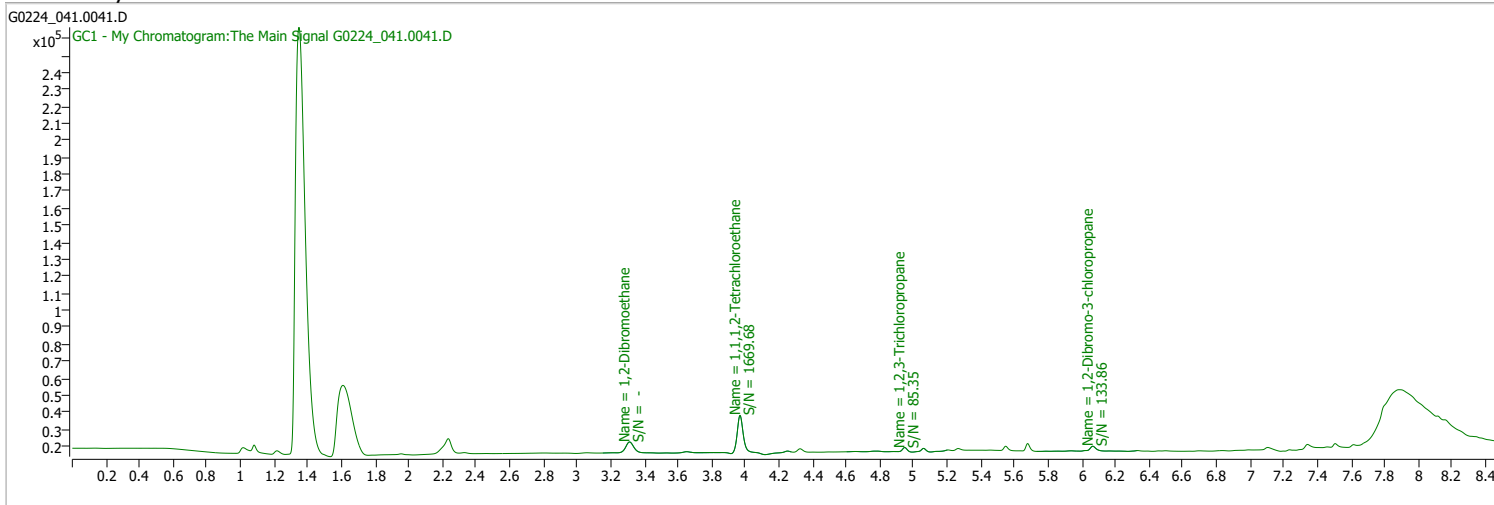
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1452	3.97	-0.01	49542 (m)				



# Quantitation Results Report (QT Reviewed)

Data File	G0224_041.0041.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/25/2022 1:00:10 AM
Sample Name	B22021528-001C	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	cannot re-extract due to limited sample volume
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

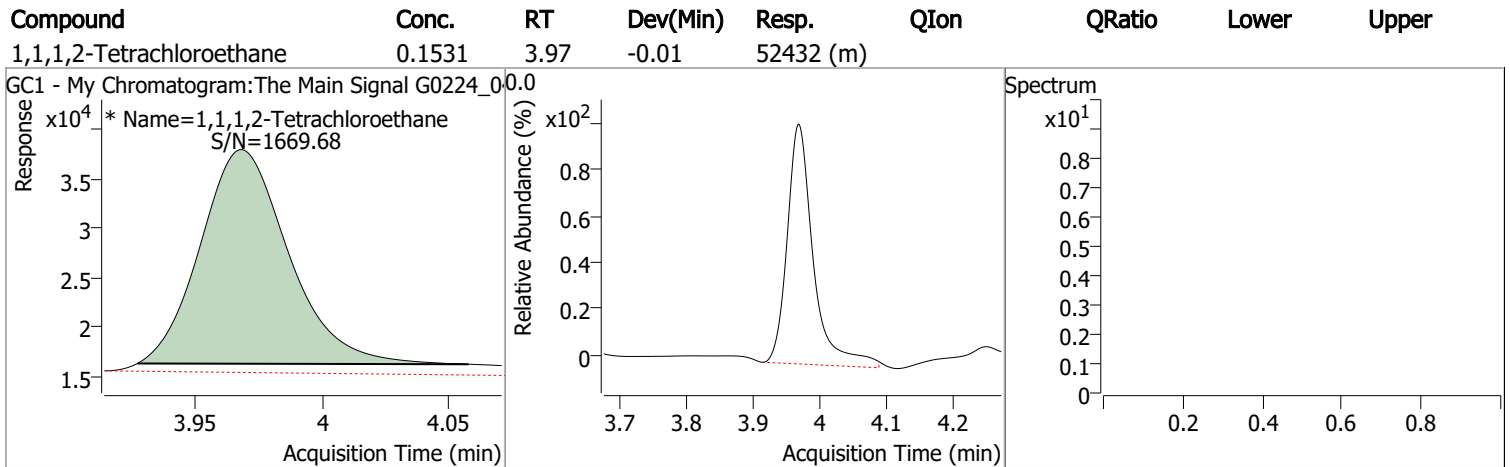
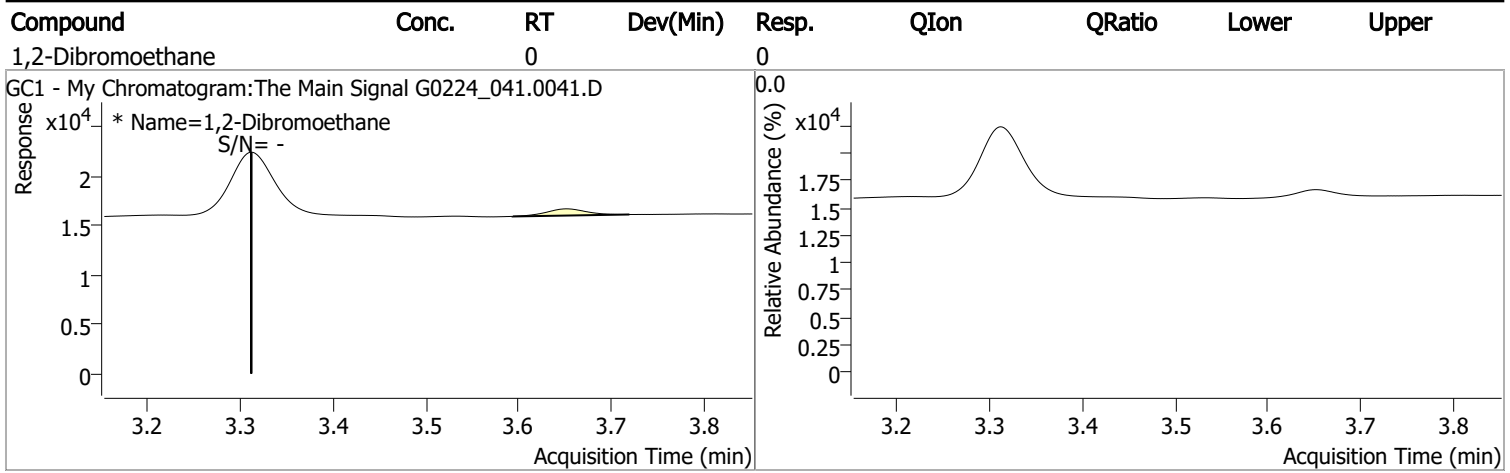
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.968	0.0	52432	0.1531	µg/L	m
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 153.14%		*
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.312	0.0	0		µg/L	md
						<b>QValue</b>
						1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

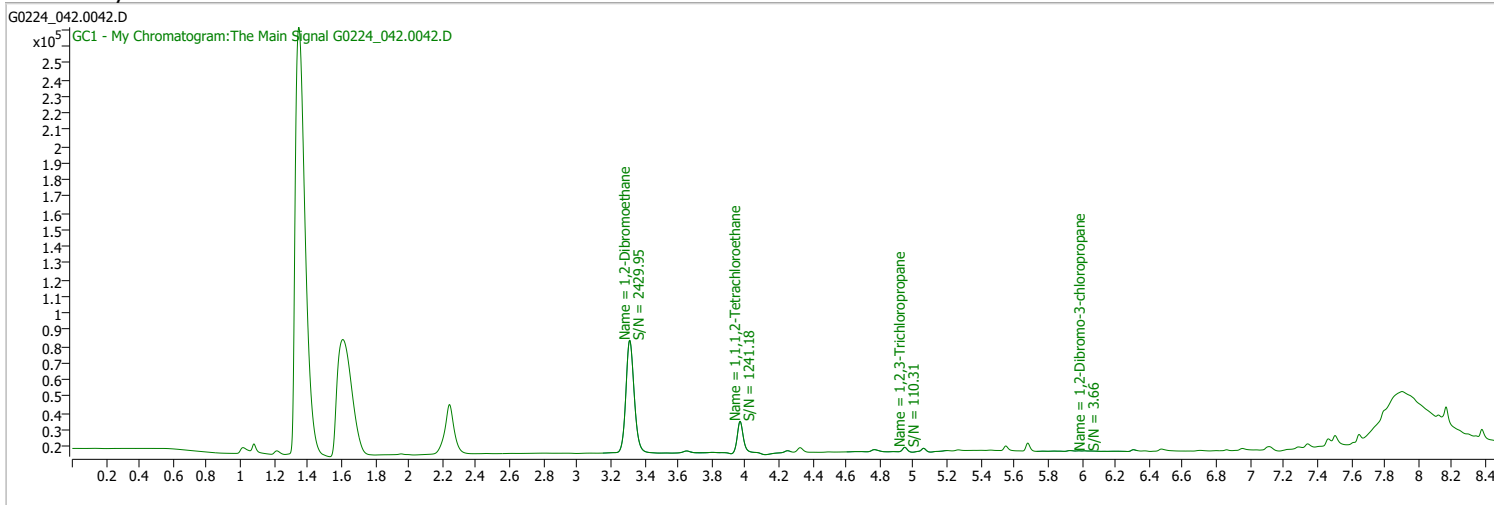




# Quantitation Results Report (QT Reviewed)

Data File	G0224_042.0042.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/25/2022 1:19:57 AM
Sample Name	B22021528-002C	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	re-extract
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

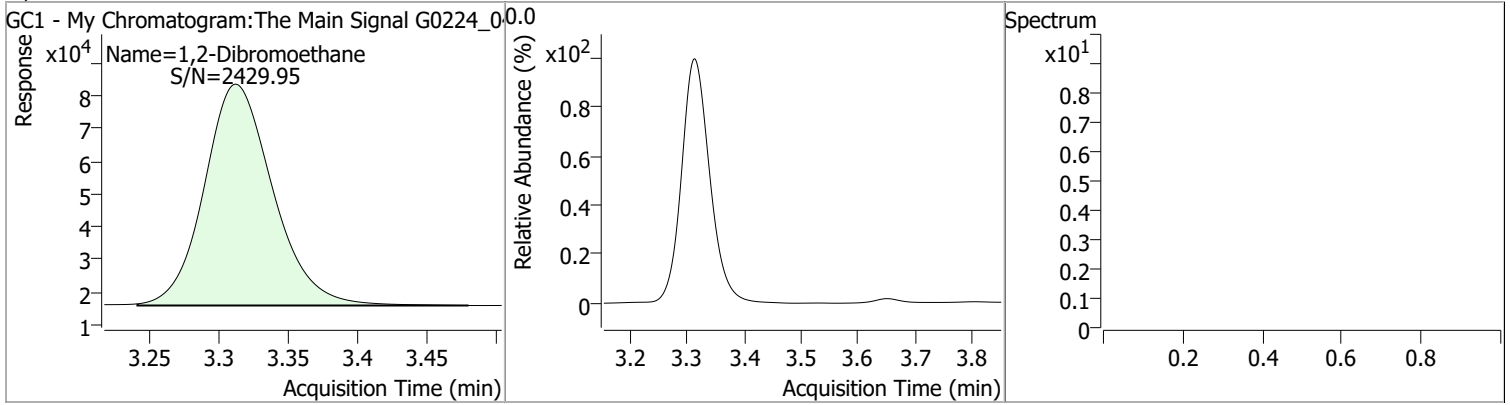


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.968	0.0	45163	0.1331	µg/L	m
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 133.05%		*
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.313	0.0	233854	2.0434	µg/L	QValue 100

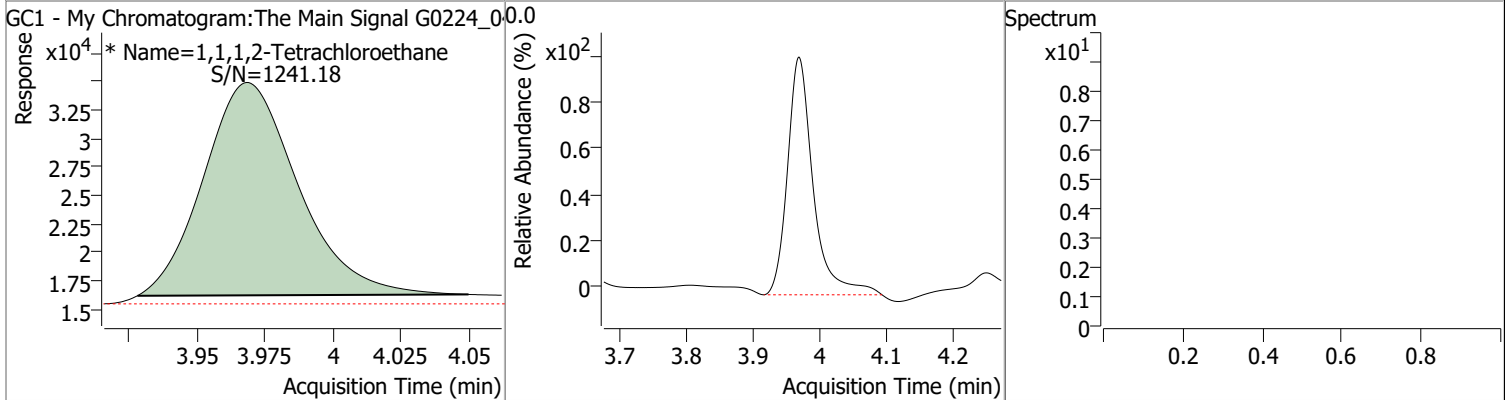
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	2.0434	3.31	-0.14	233854				



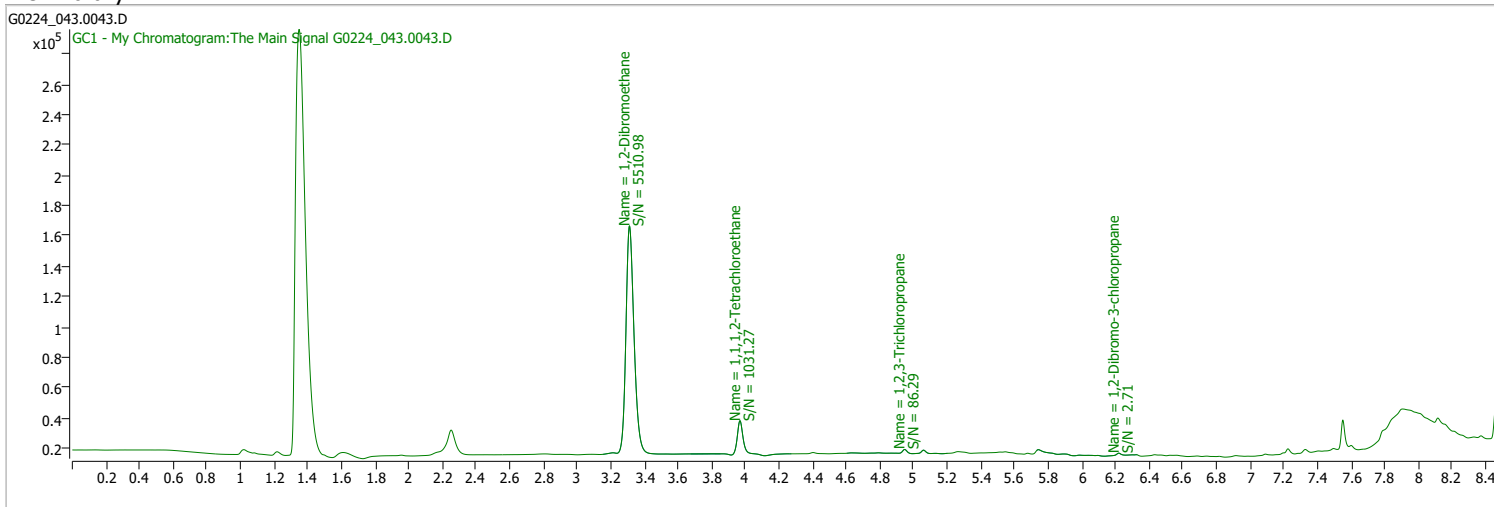
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1331	3.97	-0.01	45163 (m)				



# Quantitation Results Report (QT Reviewed)

Data File	G0224_043.0043.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/25/2022 1:39:37 AM
Sample Name	B22021528-003C	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	re-extract
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

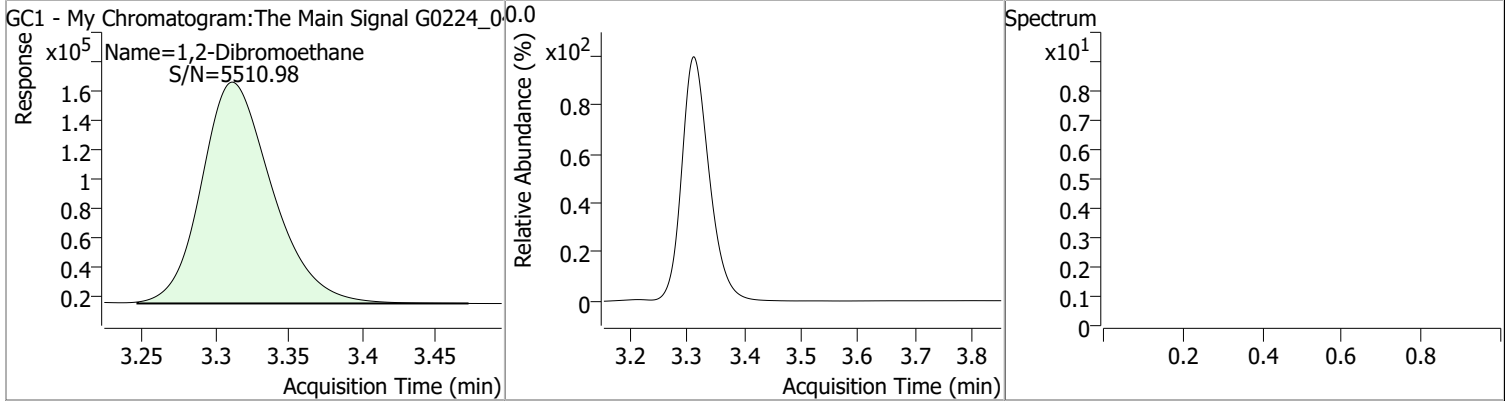


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.968	0.0	50827	0.1487	µg/L	-0.006
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 148.71%		*
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.311	0.0	505159		µg/L	QValue 100

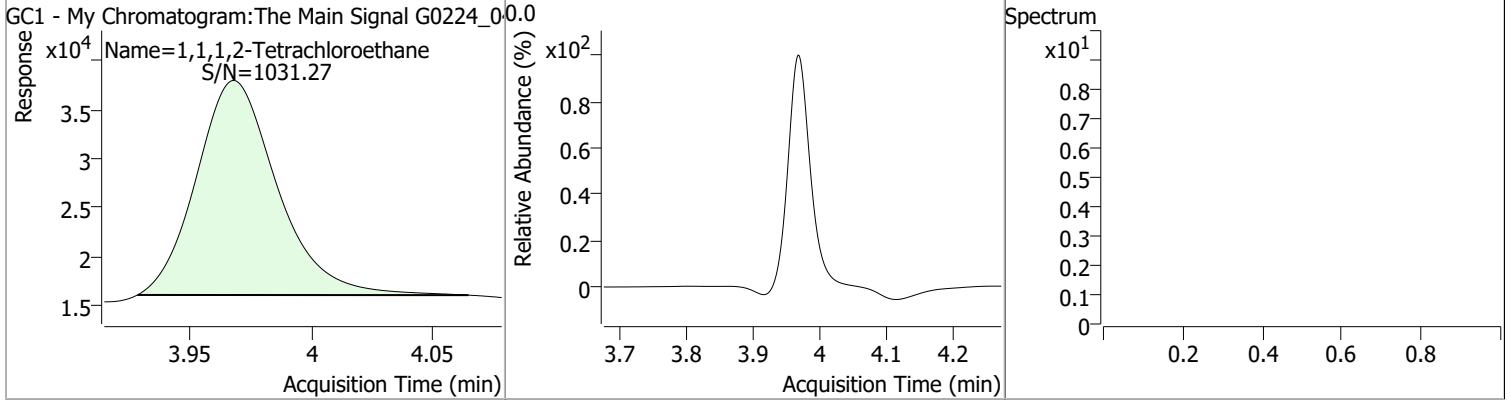
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		3.31	-0.14	505159				



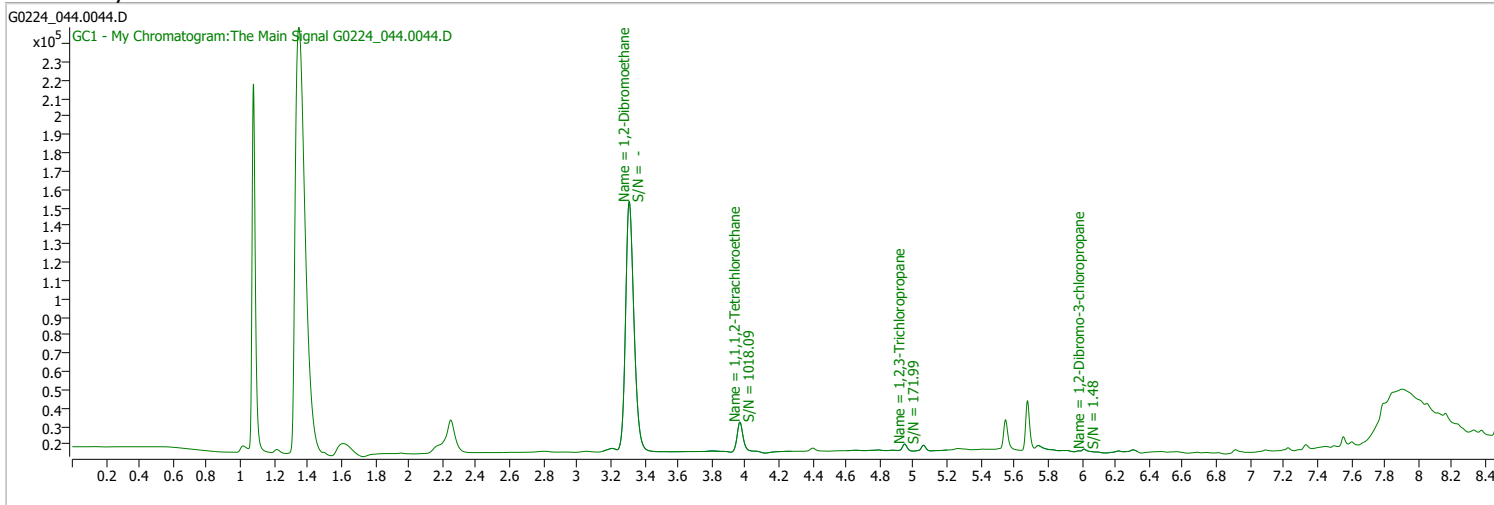
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1487	3.97	-0.01	50827				



# Quantitation Results Report (QT Reviewed)

Data File	G0224_044.0044.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/25/2022 1:59:23 AM
Sample Name	B22021528-004C	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

**System Monitoring Compounds**

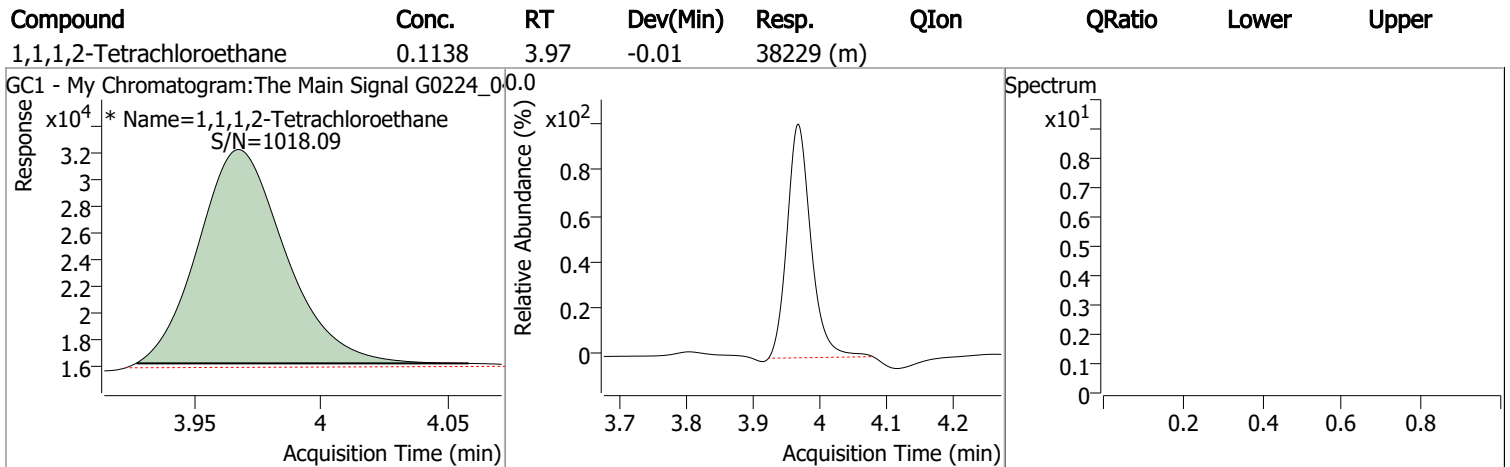
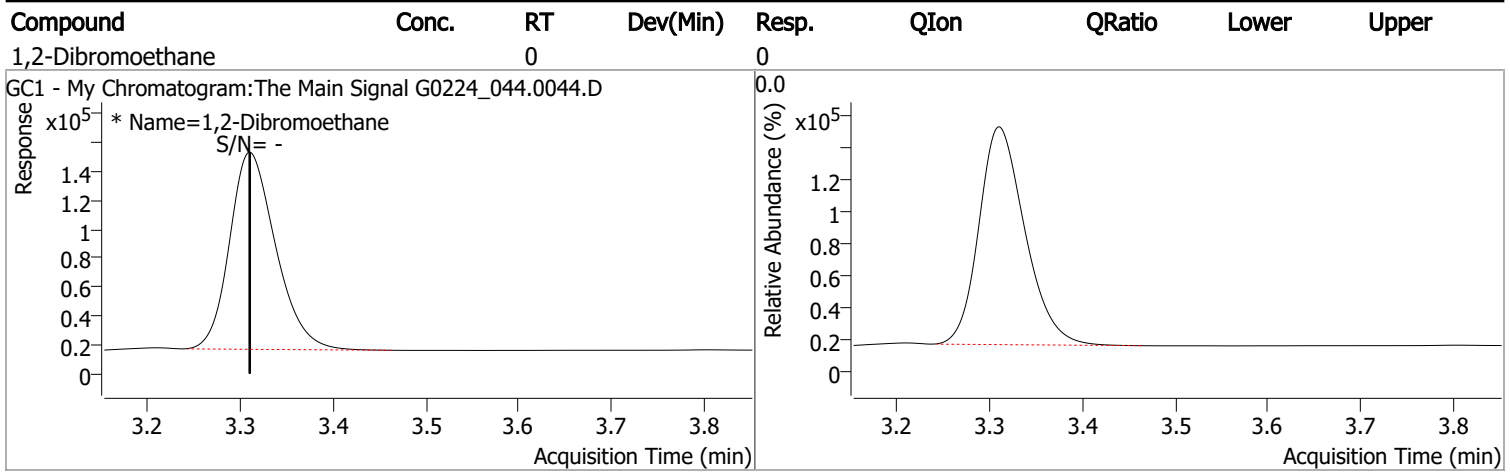
S 1,1,1,2-Tetrachloroethane	3.968	0.0	38229	0.1138	µg/L	m	-0.007
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 113.82%			

**Target Compounds**

M 1,2-Dibromoethane	3.310	0.0	0		µg/L	md	<b>QValue</b> 1
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(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

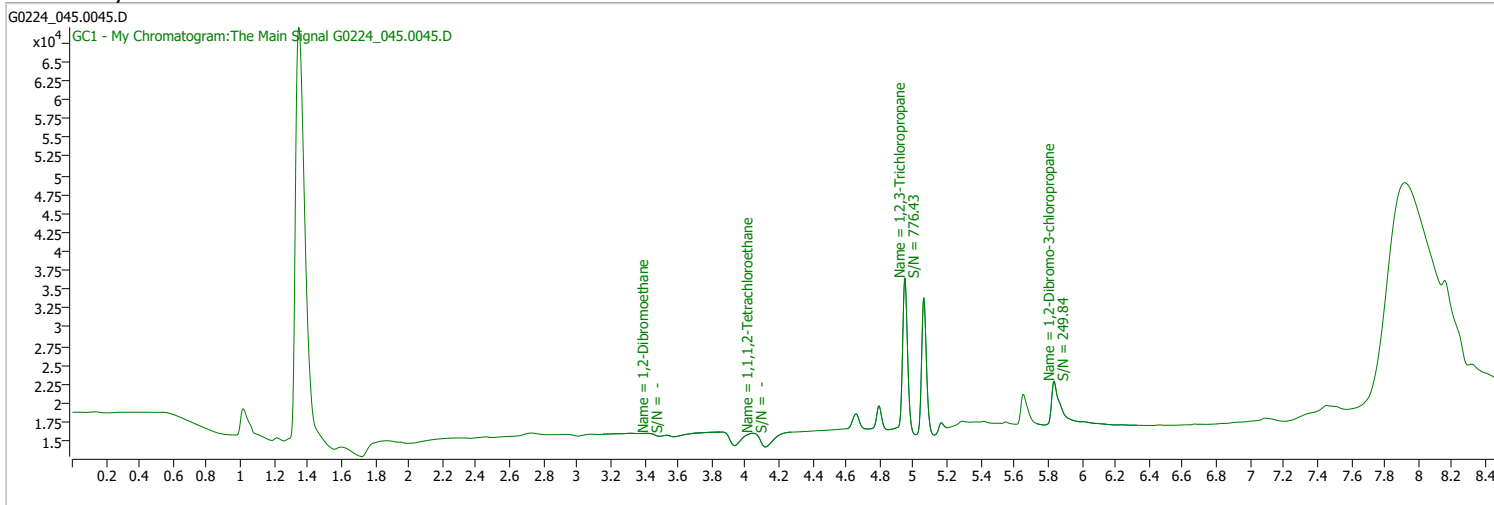
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0224_045.0045.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/25/2022 2:18:58 AM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

**System Monitoring Compounds**

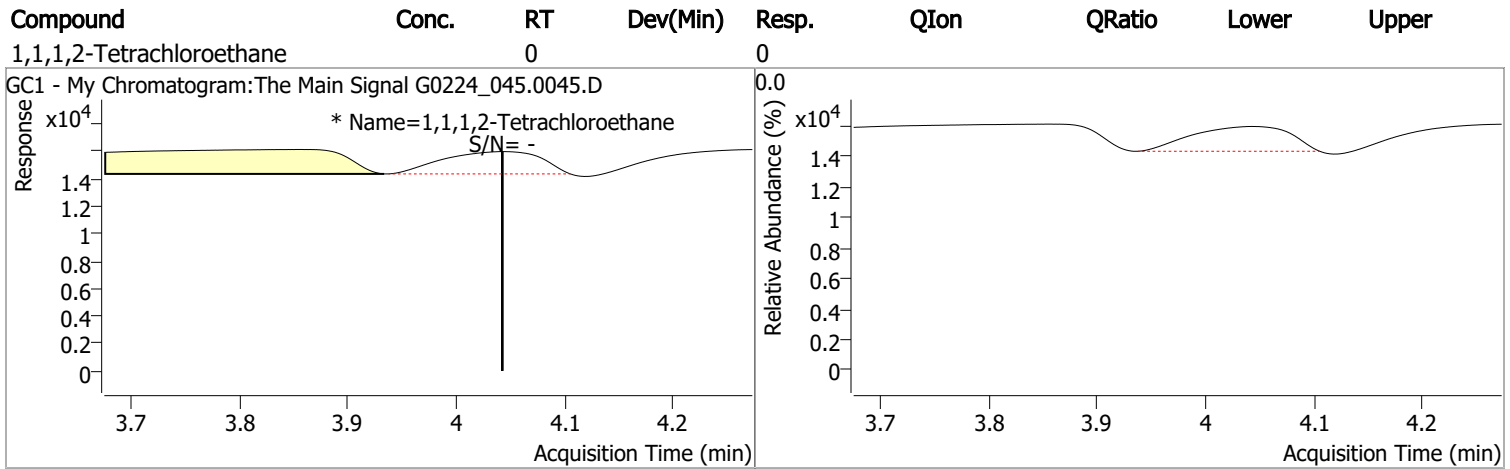
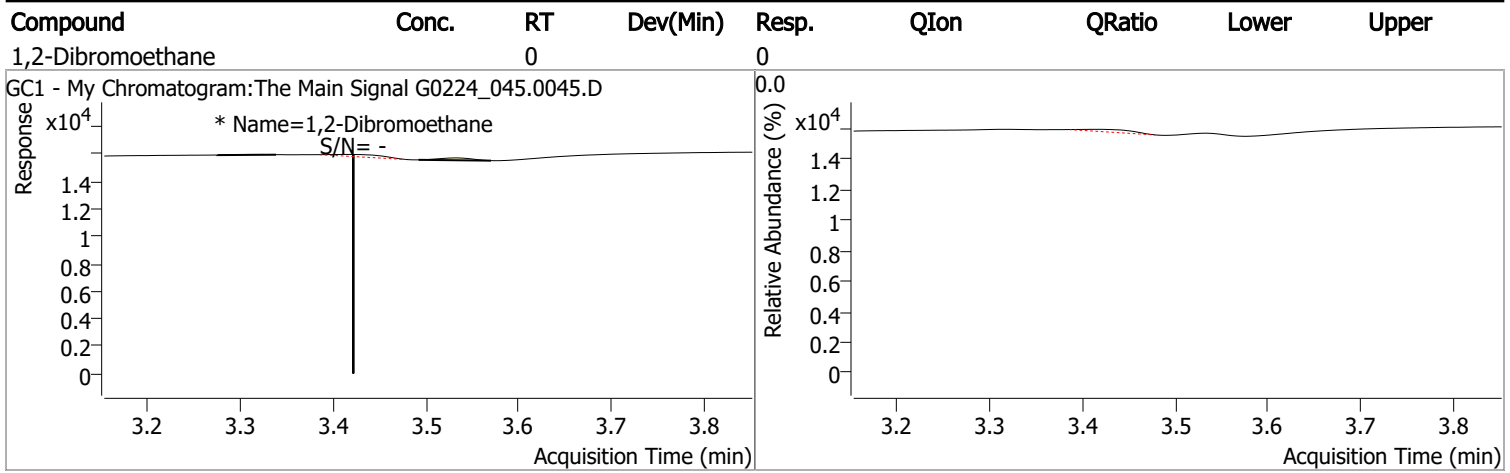
S 1,1,1,2-Tetrachloroethane	4.043	0.0	0		µg/L	md	0.068
Spiked Amount: 0.100	Range: 70.0 - 130.0%						Recovery = NA%

**Target Compounds**

M 1,2-Dibromoethane	3.422	0.0	0		µg/L	md	QValue 1
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(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

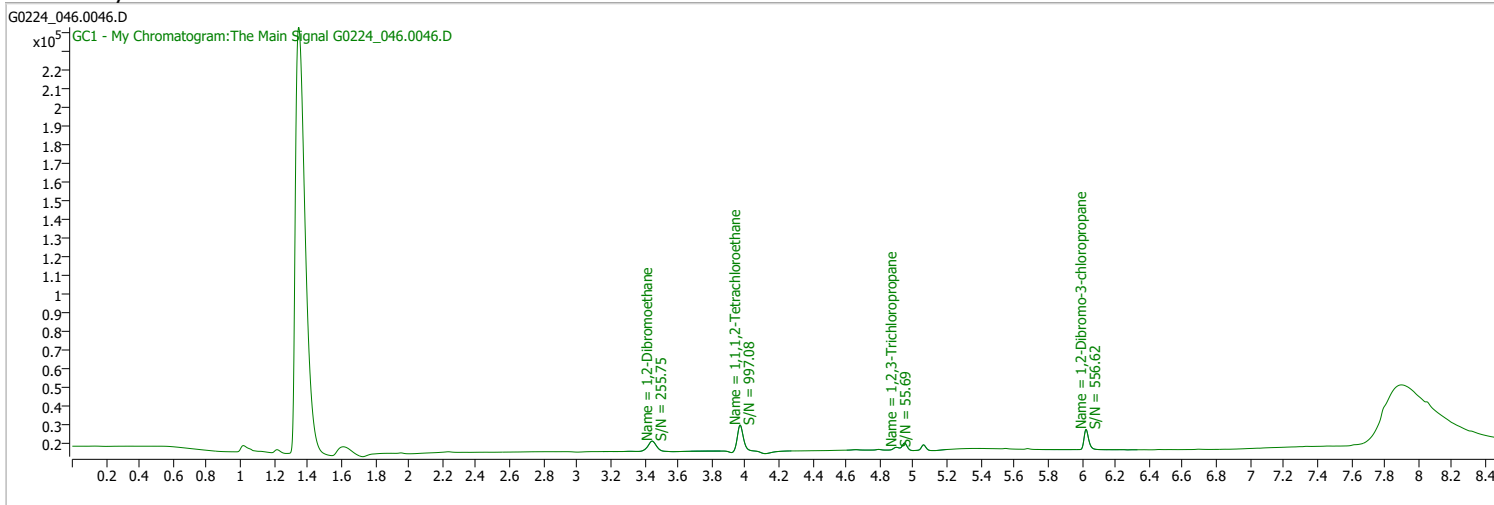




# Quantitation Results Report (QT Reviewed)

Data File	G0224_046.0046.D	Operator	
Acq. Method	testAcqFilePath	Acq. Date-Time	2/25/2022 2:38:50 AM
Sample Name	CAL3-163984	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

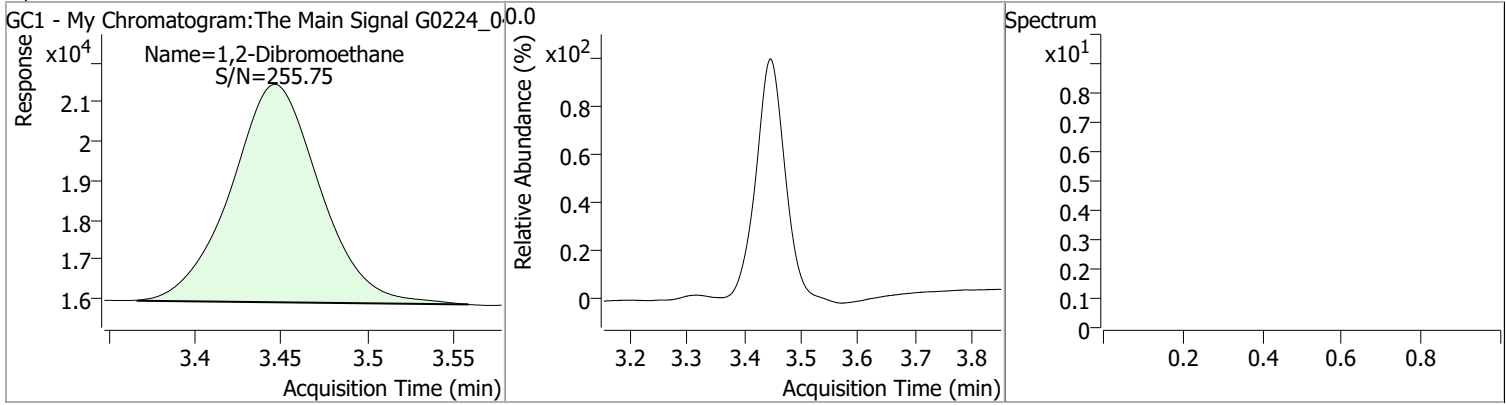


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.968	0.0	34534	0.1035	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 103.55%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.446	0.0	19816	0.1188	µg/L	QValue 100

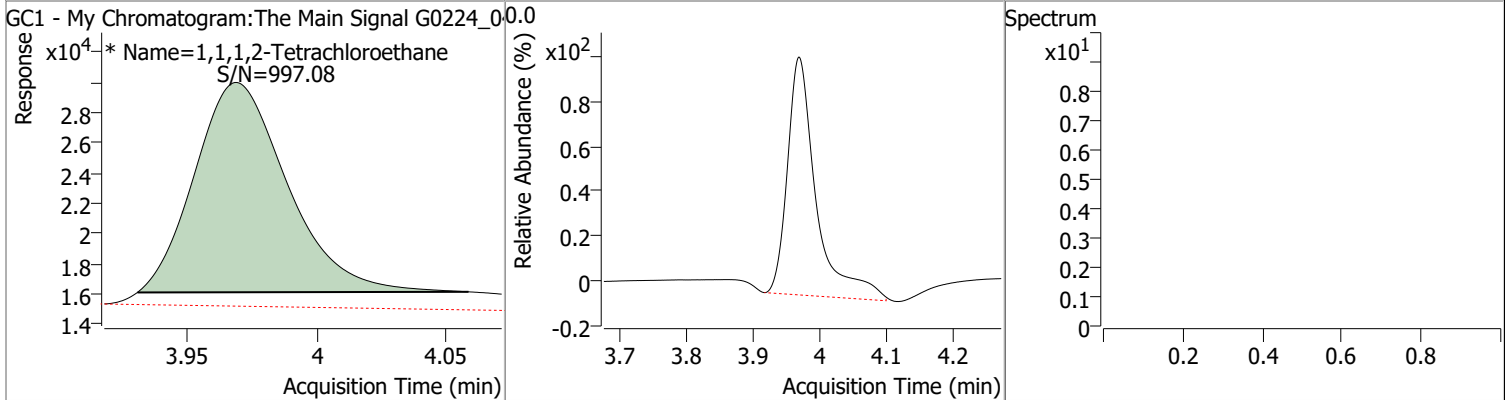
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.1188	3.45	-0.01	19816				



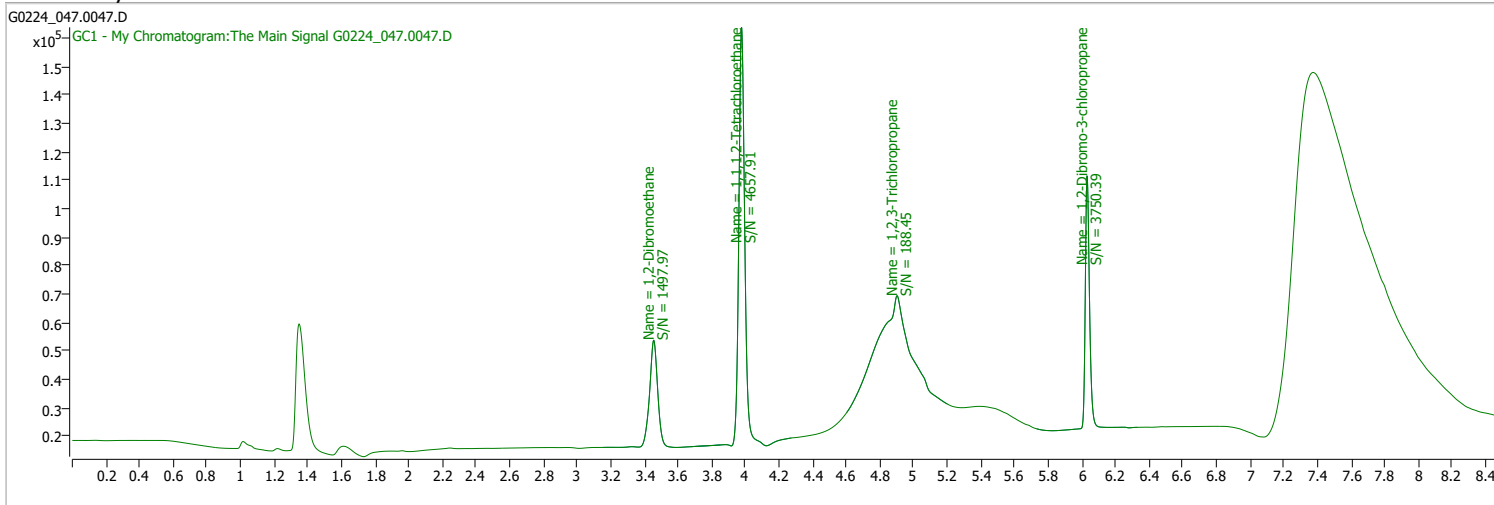
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1035	3.97	-0.01	34534 (m)				



# Quantitation Results Report (QT Reviewed)

Data File	G0224_047.0047.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/25/2022 8:57:34 AM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

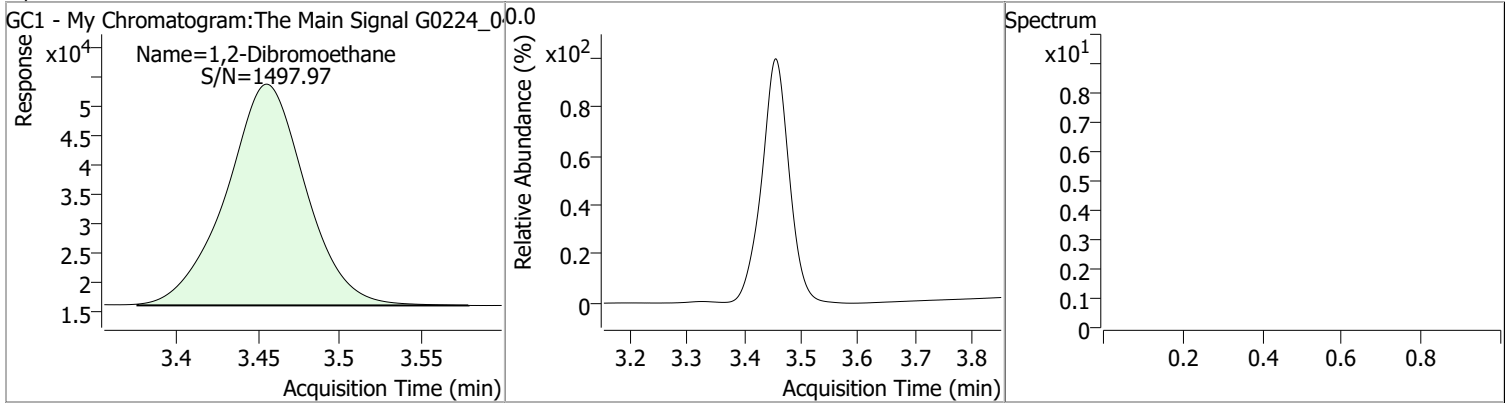


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.978	0.0	362681	0.9495	µg/L	0.003
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 949.45%	*	
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.455	0.0	126642	0.8645	µg/L	QValue 100

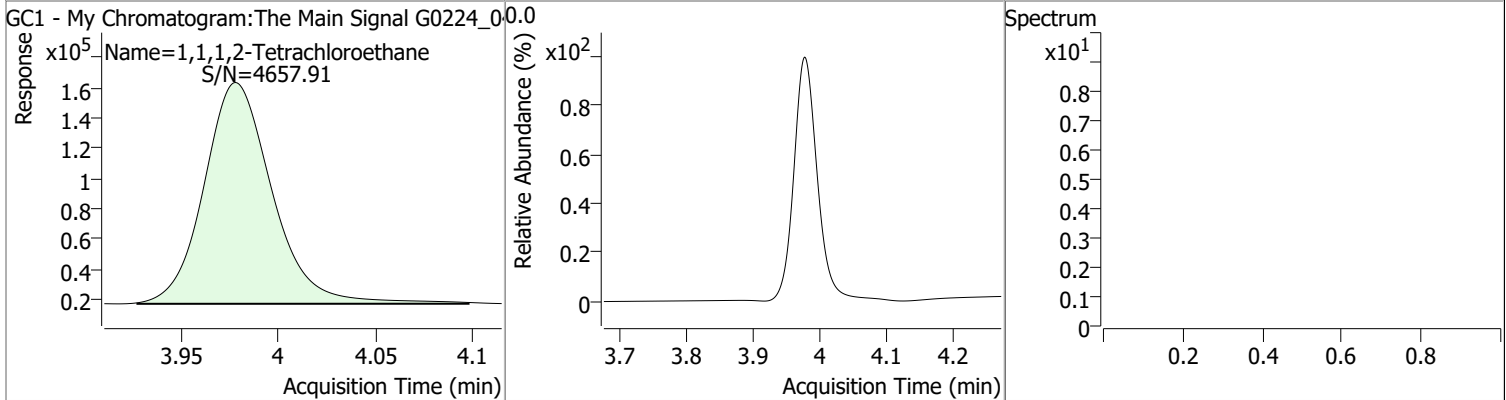
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.8645	3.46	0.00	126642				



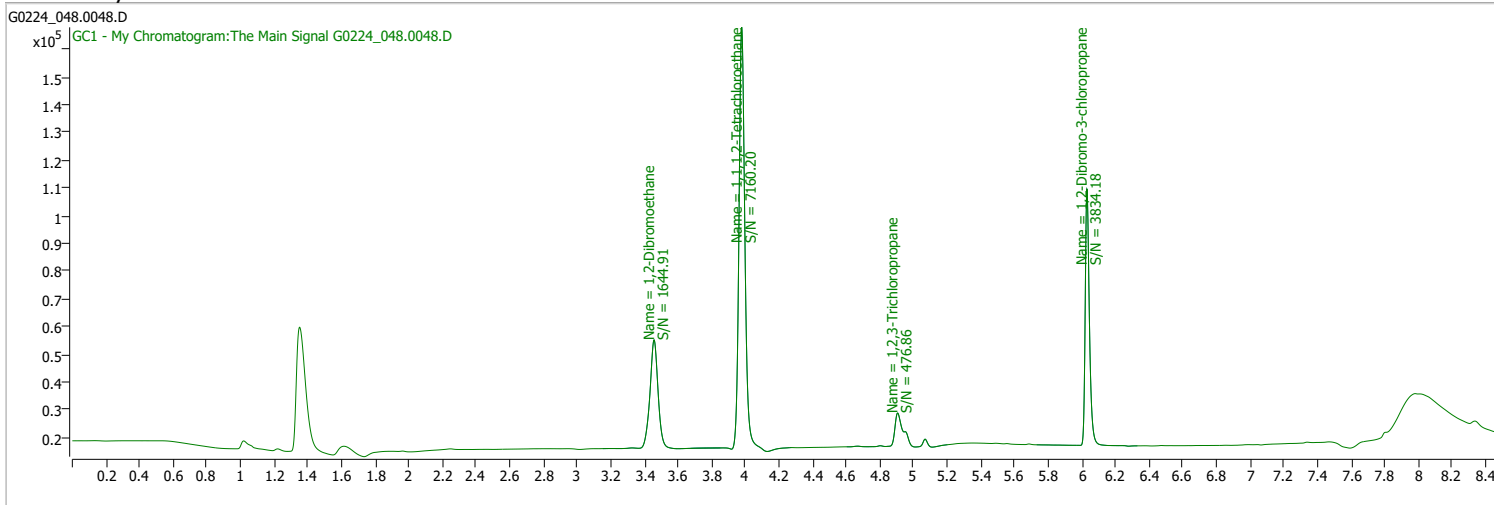
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.9495	3.98	0.00	362681				



# Quantitation Results Report (QT Reviewed)

Data File	G0224_048.0048.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/25/2022 9:16:31 AM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

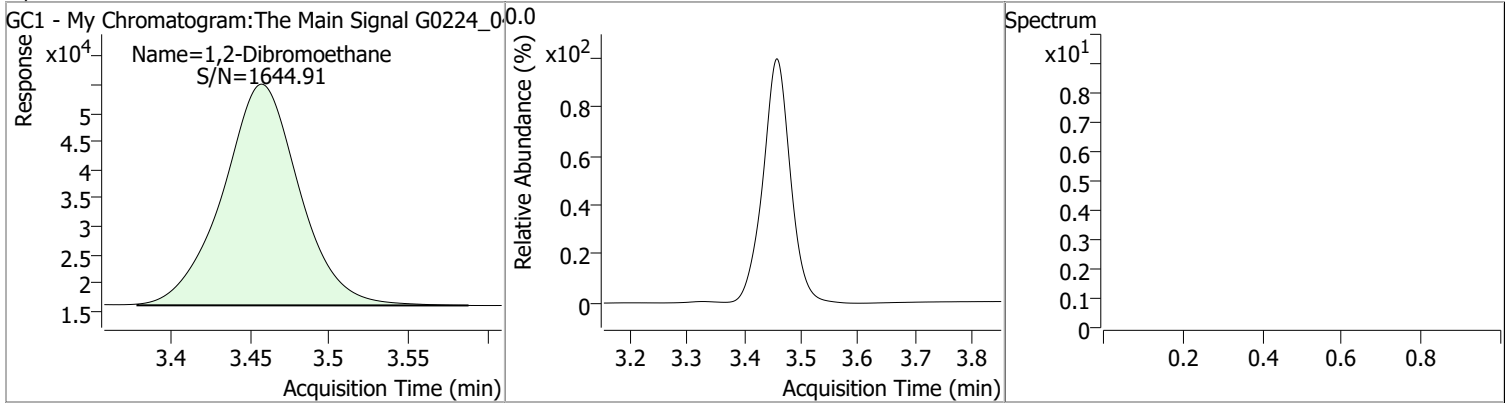


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.978	0.0	374159	0.9769	µg/L	0.004
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 976.94%		*
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.458	0.0	132080	0.9091	µg/L	100

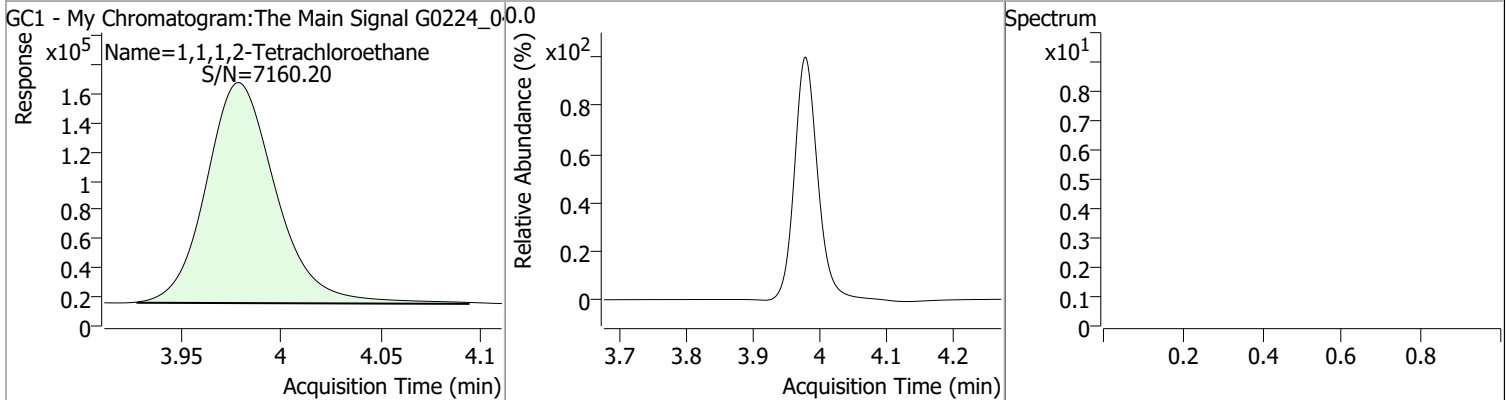
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.9091	3.46	0.00	132080				



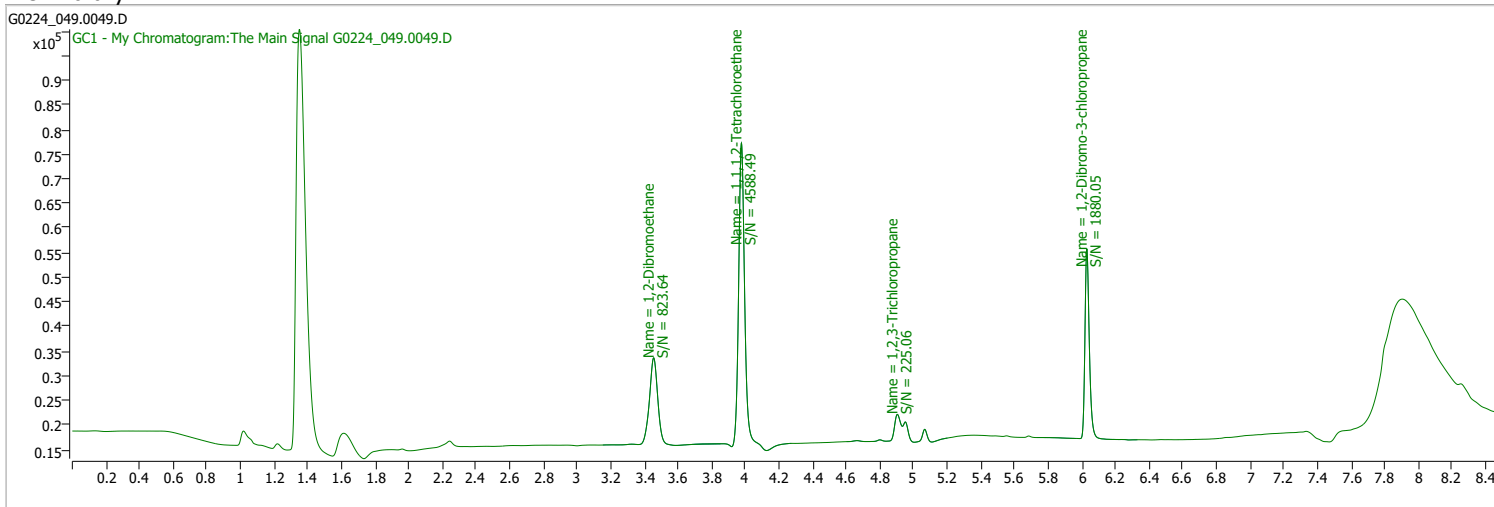
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.9769	3.98	0.00	374159				



# Quantitation Results Report (QT Reviewed)

Data File	G0224_049.0049.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/25/2022 9:36:14 AM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

**System Monitoring Compounds**

S 1,1,1,2-Tetrachloroethane	3.977	0.0	157427	0.4353	µg/L	0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 435.26%	*	

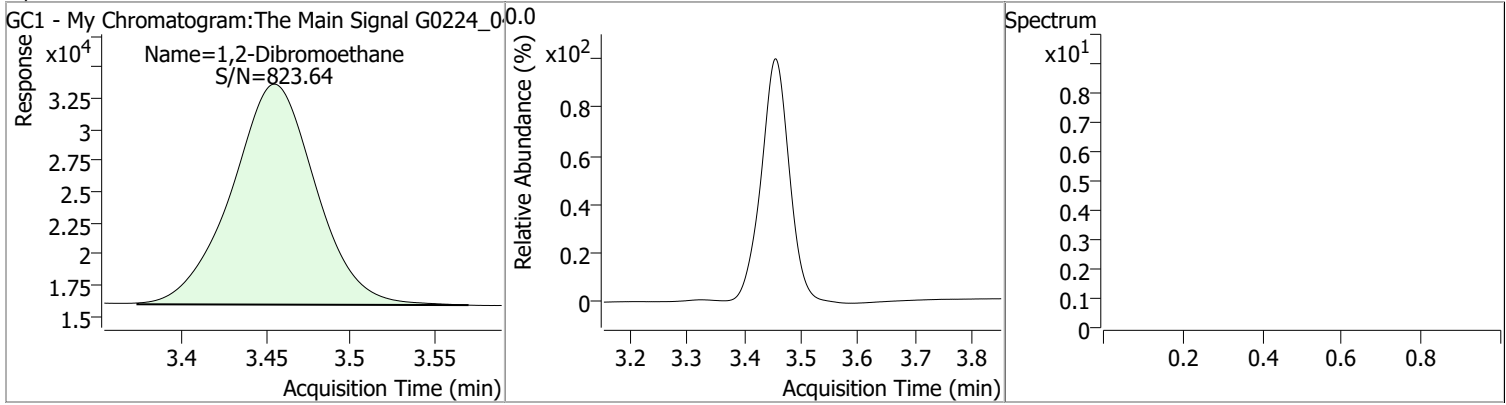
**Target Compounds**

M 1,2-Dibromoethane	3.455	0.0	61367	0.3846	µg/L	QValue 100
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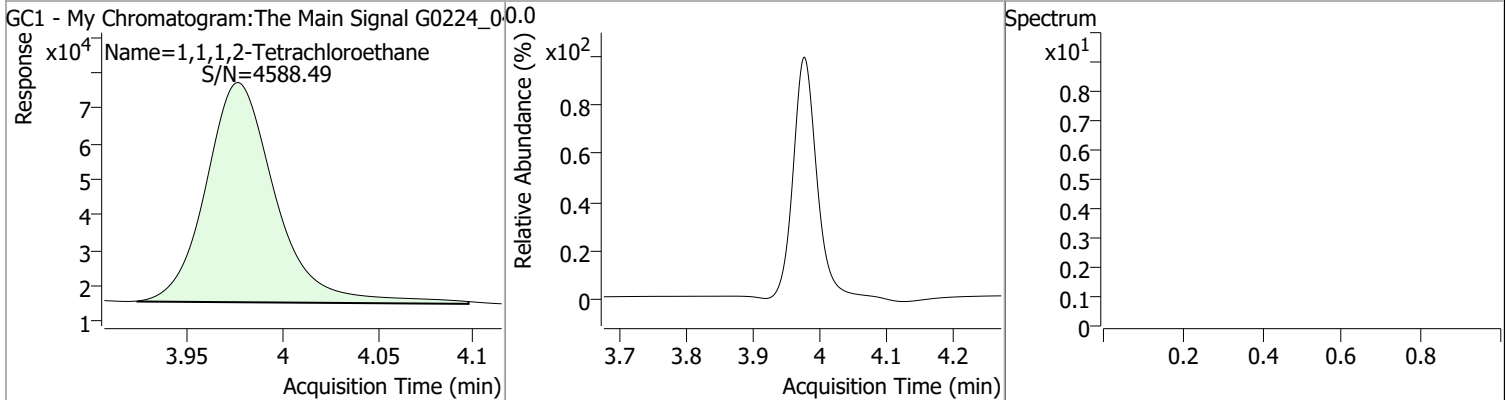
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.3846	3.46	0.00	61367				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.4353	3.98	0.00	157427				

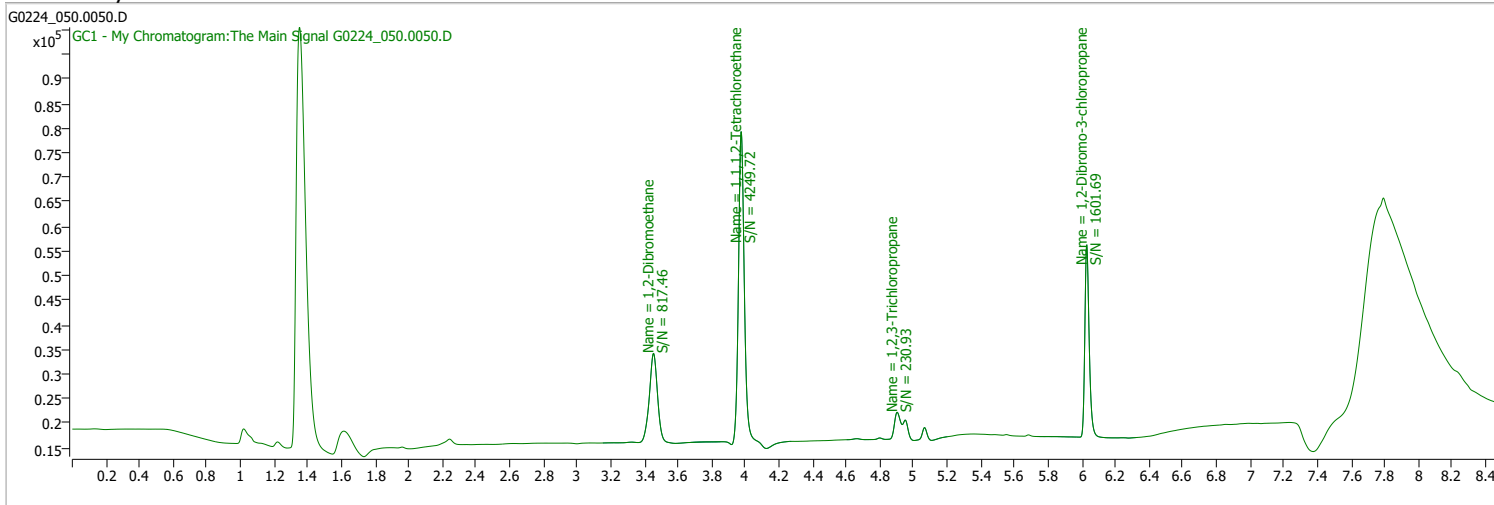




# Quantitation Results Report (QT Reviewed)

Data File	G0224_050.0050.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/25/2022 9:56:08 AM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

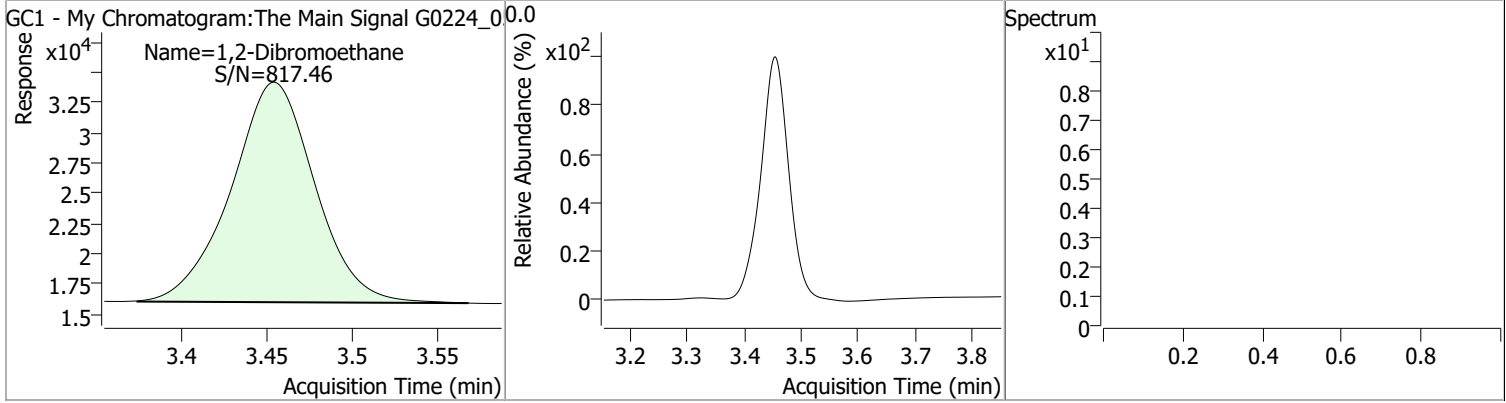


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.975	0.0	159739	0.4413	µg/L	0.001
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 441.32%	*	
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.454	0.0	62210	0.3903	µg/L	QValue 100

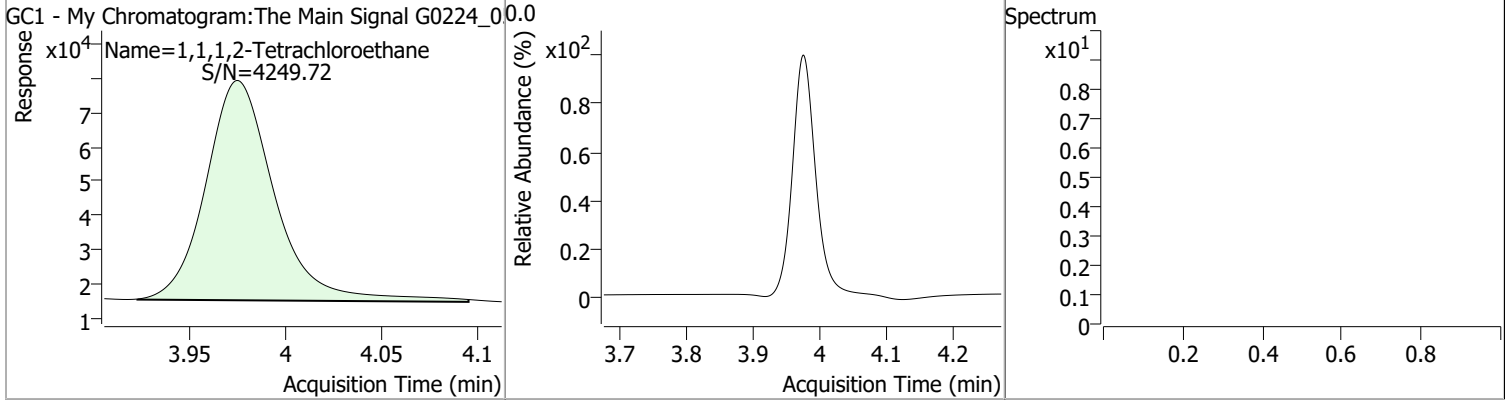
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.3903	3.45	0.00	62210				



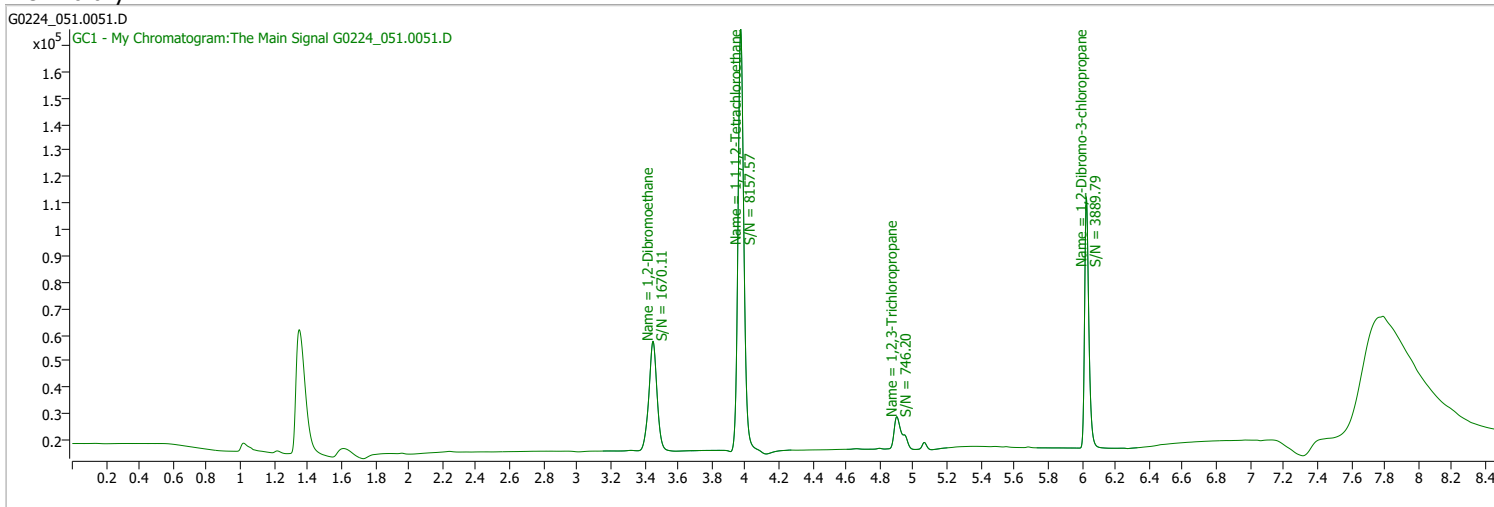
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.4413	3.98	0.00	159739				



# Quantitation Results Report (QT Reviewed)

Data File	G0224_051.0051.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/25/2022 10:15:47 AM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

**System Monitoring Compounds**

S 1,1,1,2-Tetrachloroethane	3.973	0.0	395059	1.0267	µg/L	-0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 1026.68%	*	

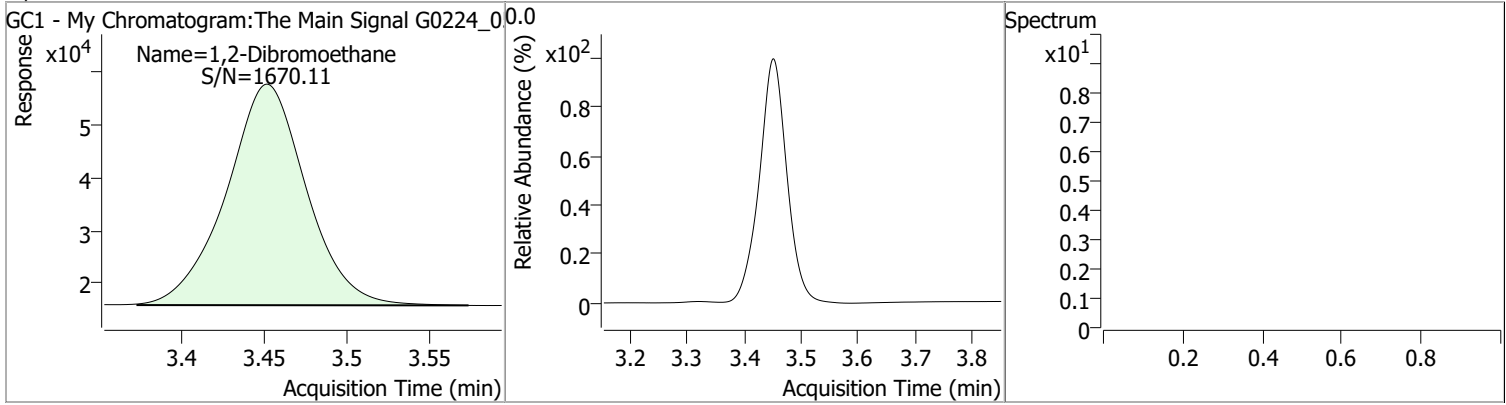
**Target Compounds**

M 1,2-Dibromoethane	3.451	0.0	140701	0.9818	µg/L	<b>QValue</b> 100
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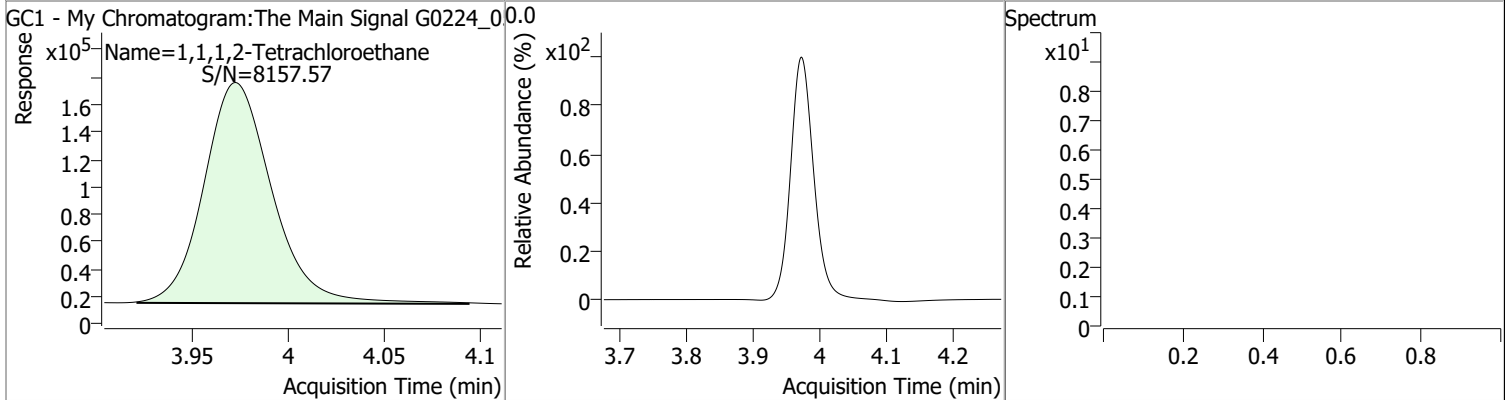
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.9818	3.45	0.00	140701				



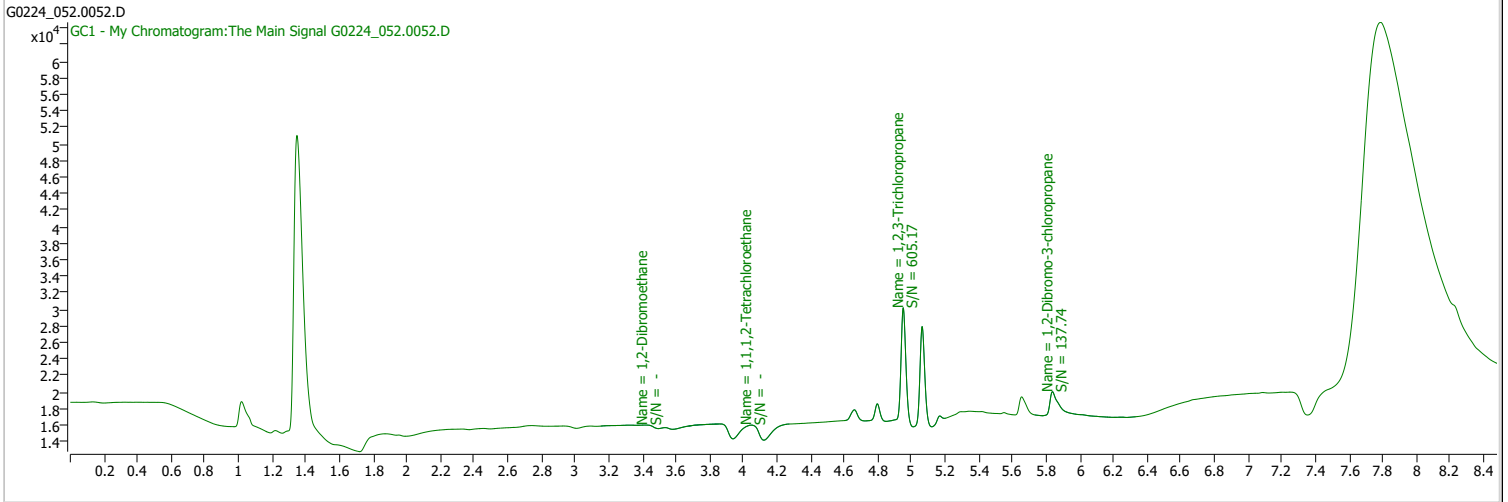
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	1.0267	3.97	0.00	395059				



# Quantitation Results Report (QT Reviewed)

Data File	G0224_052.0052.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/25/2022 10:35:30 AM
Sample Name	Hexane	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

**System Monitoring Compounds**

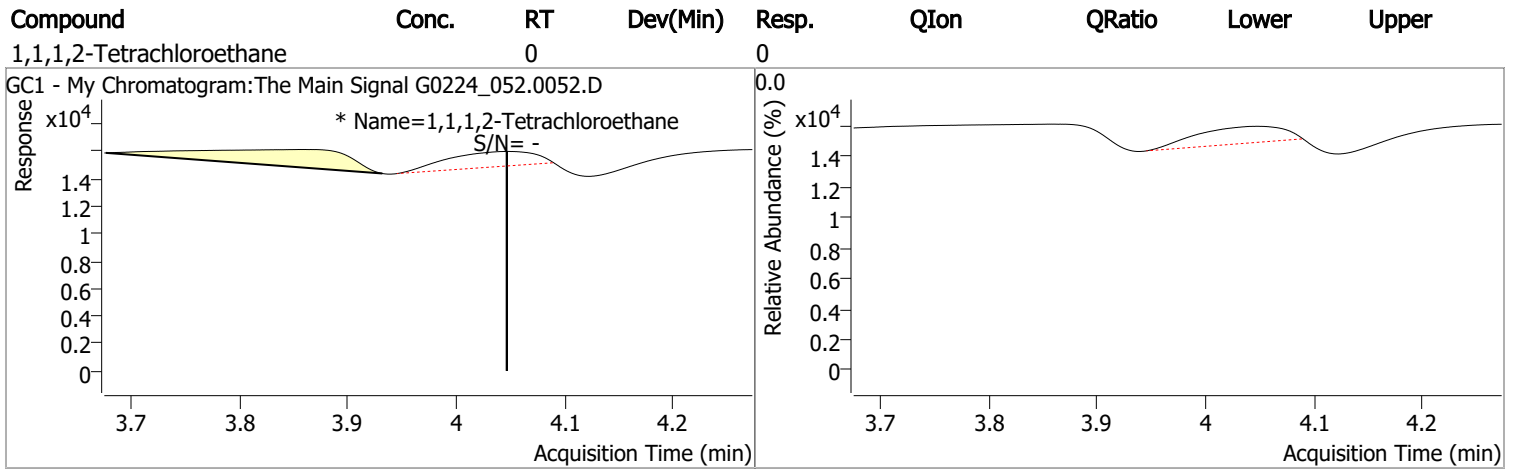
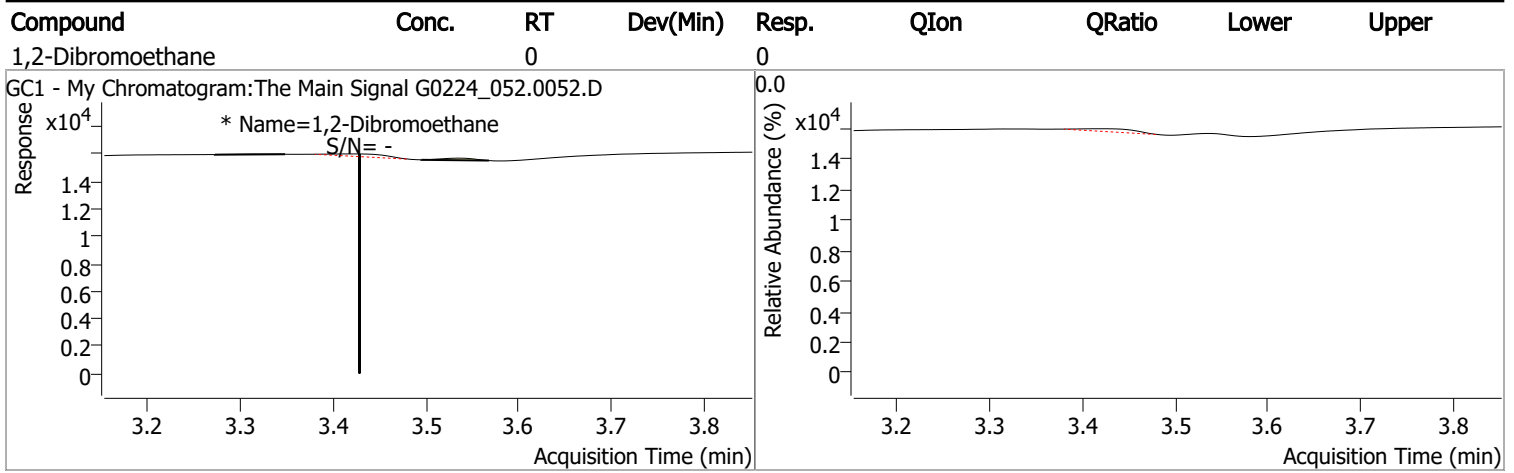
S 1,1,1,2-Tetrachloroethane	4.047	0.0	0		µg/L	md	0.072
Spiked Amount: 0.100	Range: 70.0 - 130.0%				Recovery = NA%		

**Target Compounds**

M 1,2-Dibromoethane	3.428	0.0	0		µg/L	md	<b>QValue</b> 1
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(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

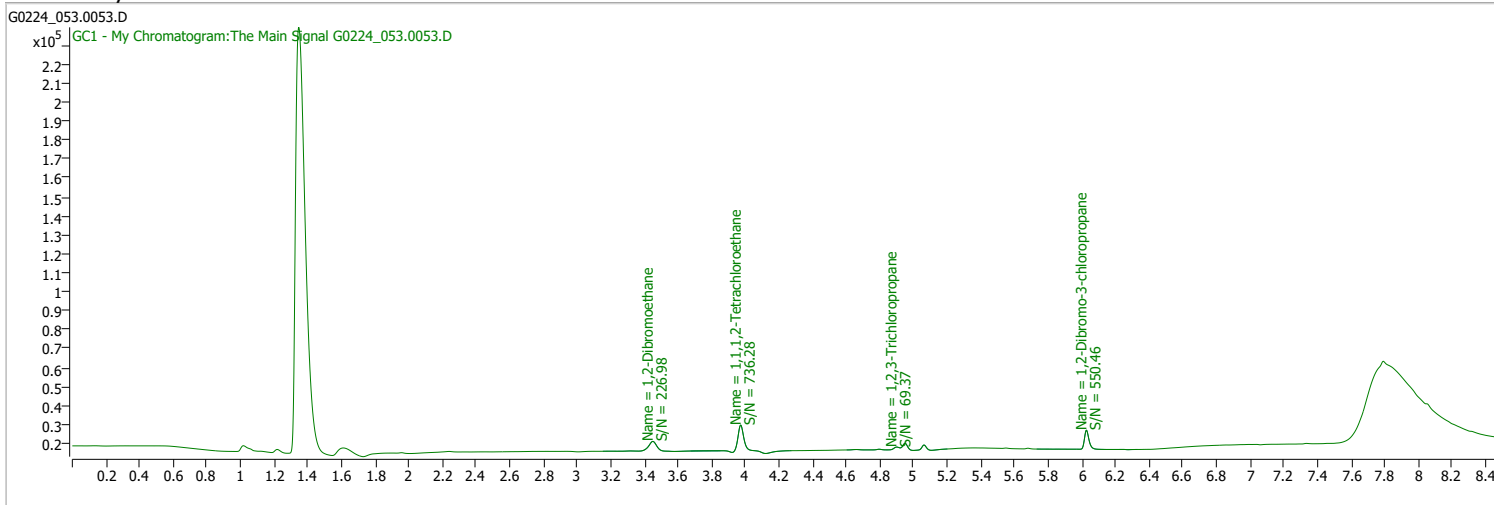
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0224_053.0053.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/25/2022 10:55:11 AM
Sample Name	CAL3-163984	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

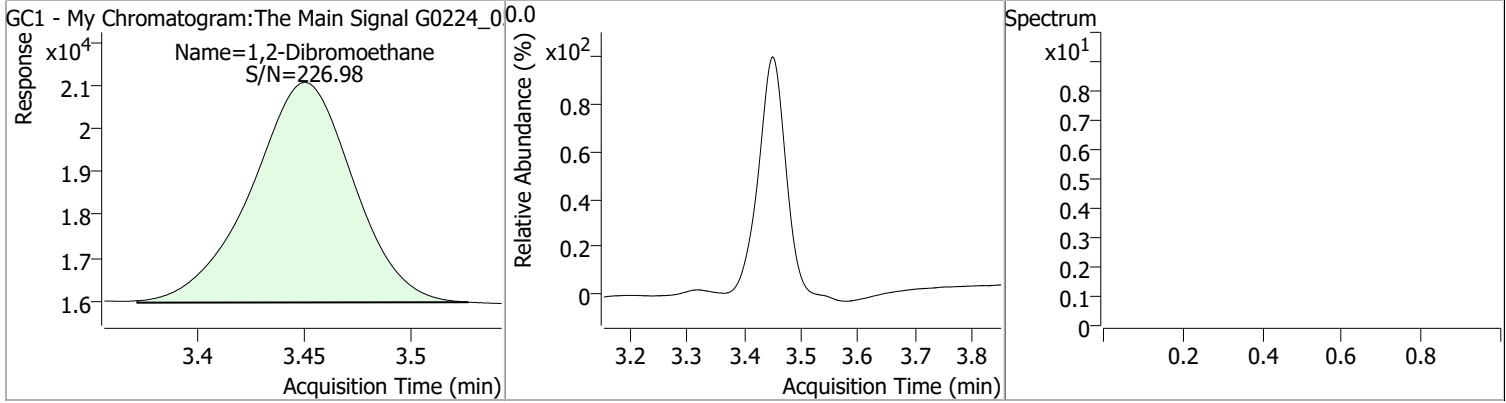


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.973	0.0	32143	0.0969	µg/L	-0.002
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 96.89%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.450	0.0	17084	0.1022	µg/L	QValue 100

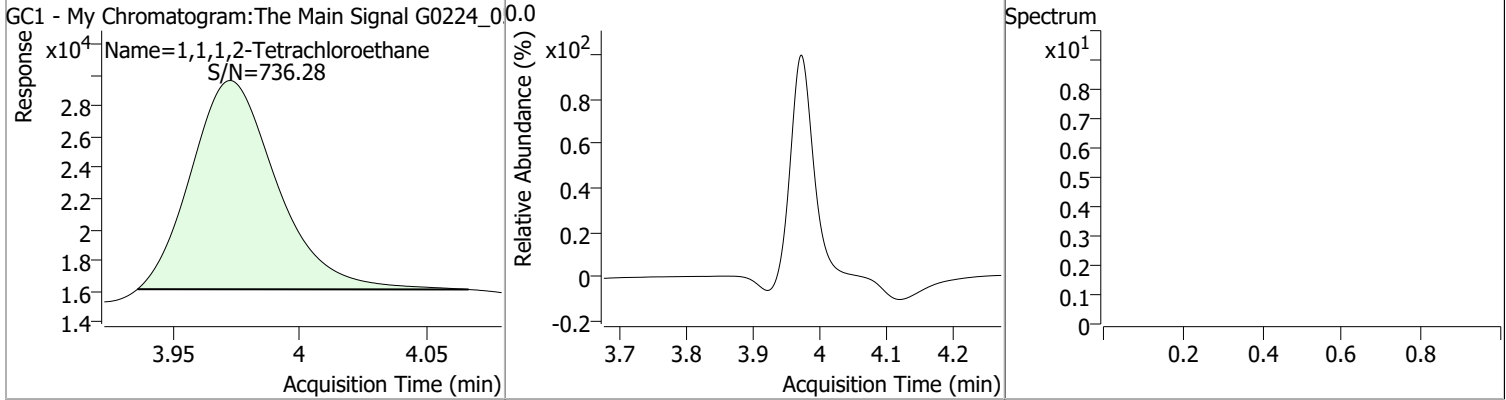
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.1022	3.45	0.00	17084				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0969	3.97	0.00	32143				

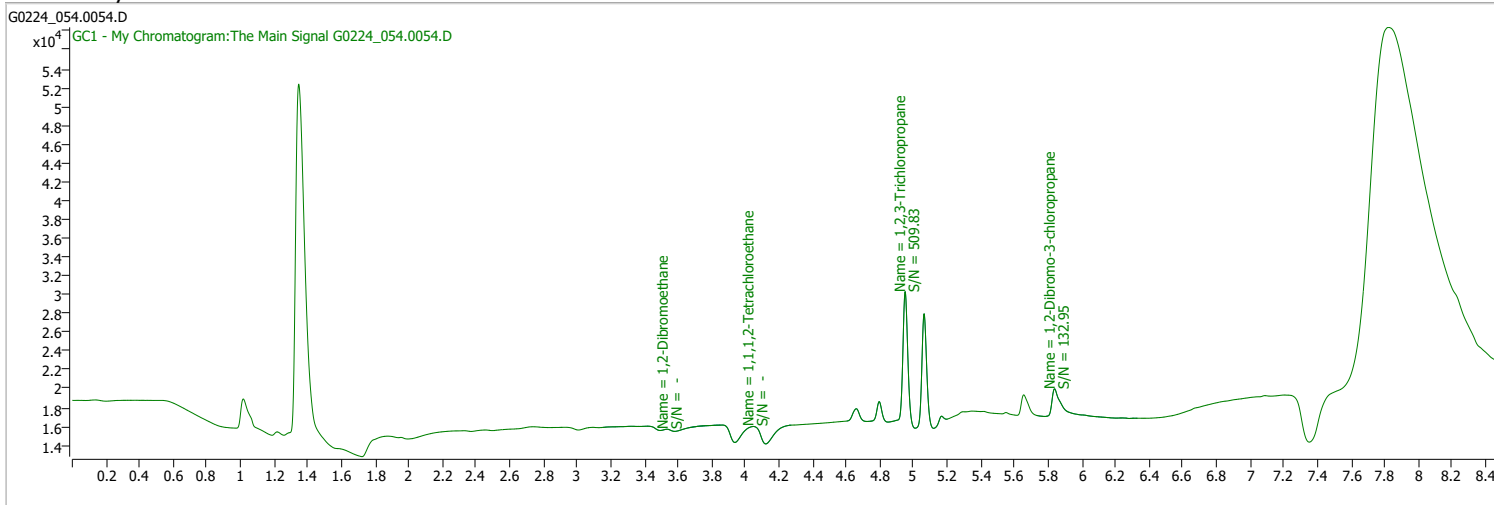




# Quantitation Results Report (QT Reviewed)

Data File	G0224_054.0054.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/25/2022 11:14:57 AM
Sample Name	Hexane	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

**System Monitoring Compounds**

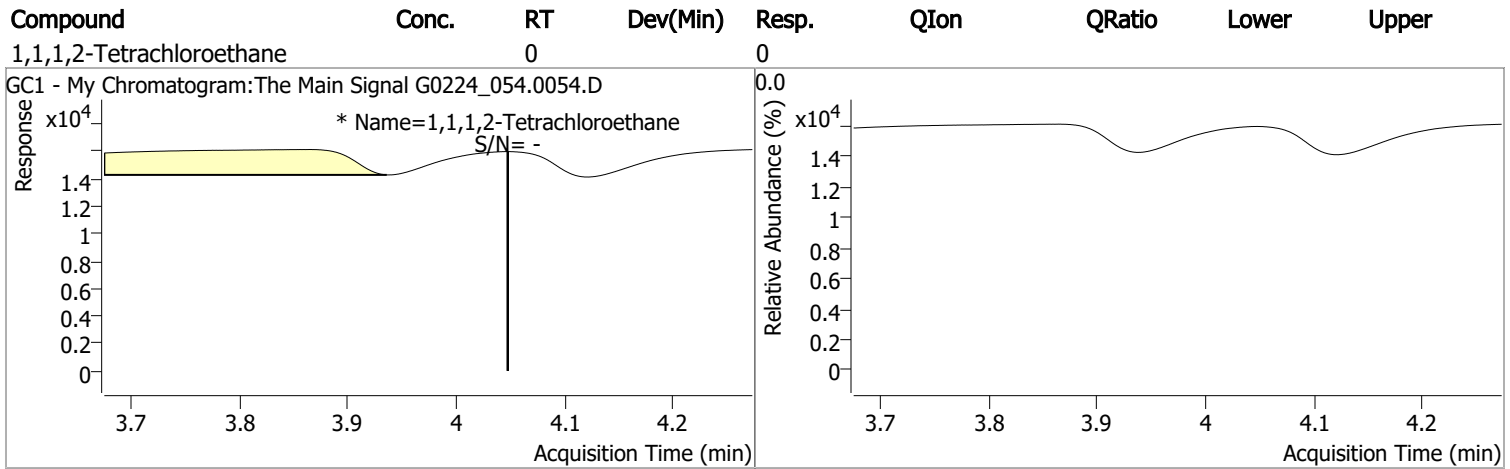
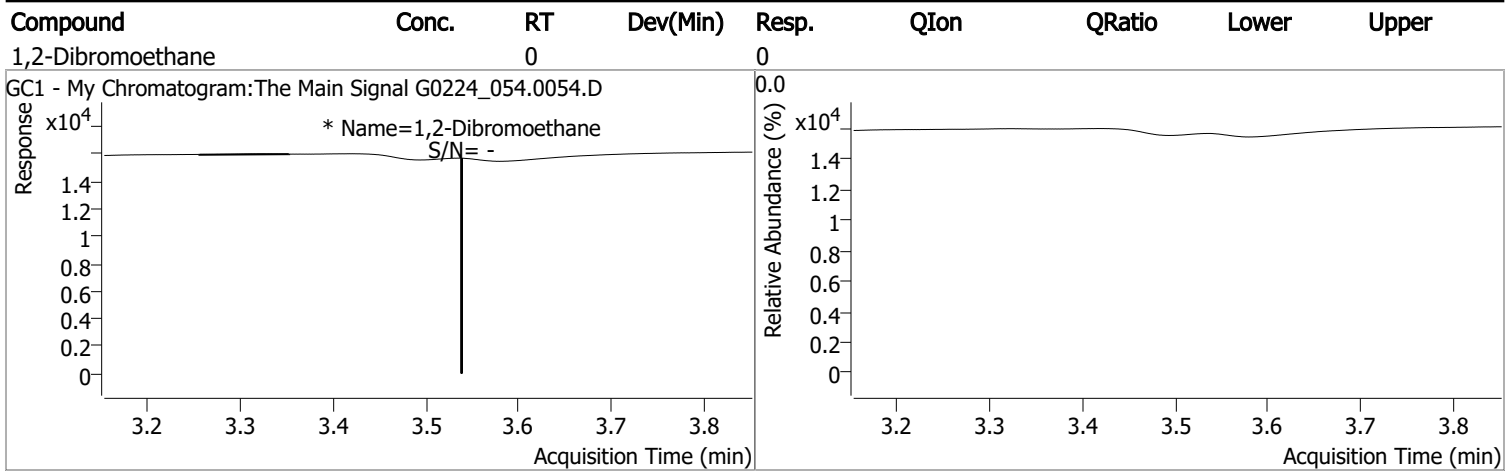
S 1,1,1,2-Tetrachloroethane	4.048	0.0	0		µg/L	md	0.073
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%			

**Target Compounds**

M 1,2-Dibromoethane	3.538	0.0	0		µg/L	md	<b>QValue</b> 1
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(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

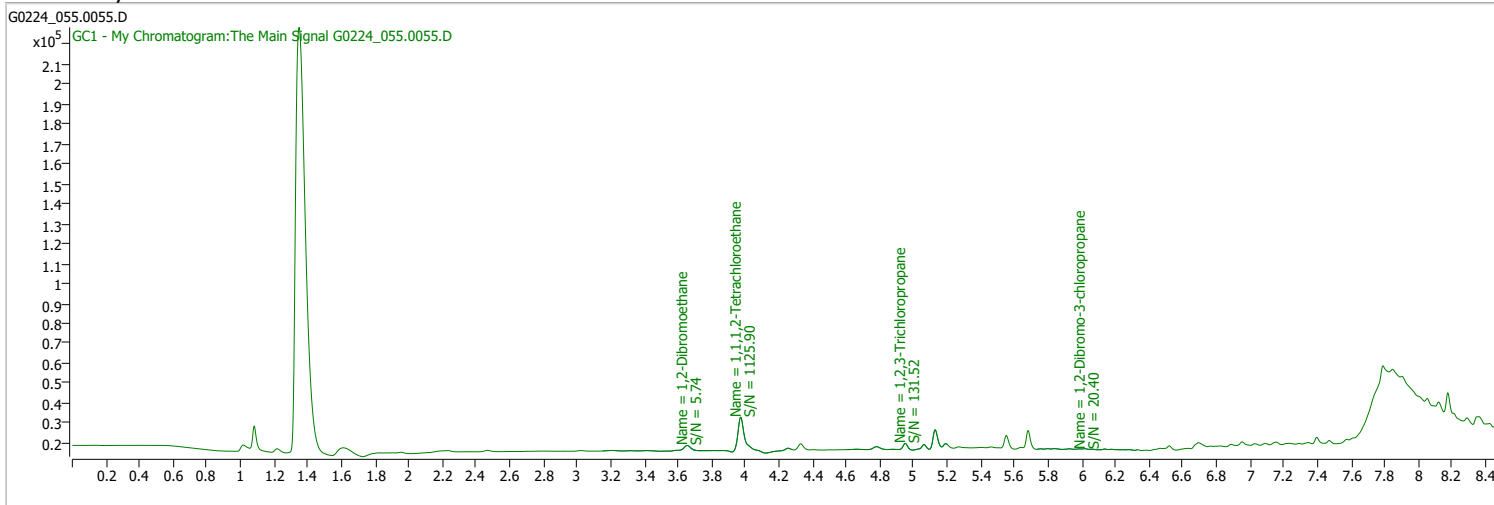
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0224_055.0055.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/25/2022 11:34:46 AM
Sample Name	B22021435-032H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	re-extract
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

**System Monitoring Compounds**

S 1,1,1,2-Tetrachloroethane	3.973	0.0	45726	0.1346	µg/L	m	-0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 134.61%		*	

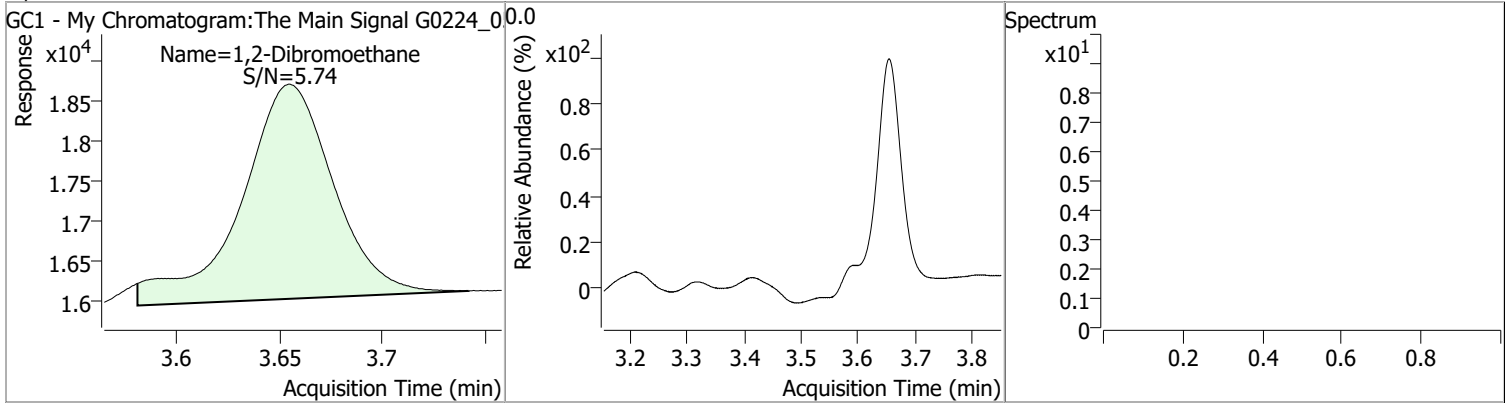
**Target Compounds**

M 1,2-Dibromoethane	3.655	0.0	8425	0.0500	µg/L		<b>QValue</b> 100
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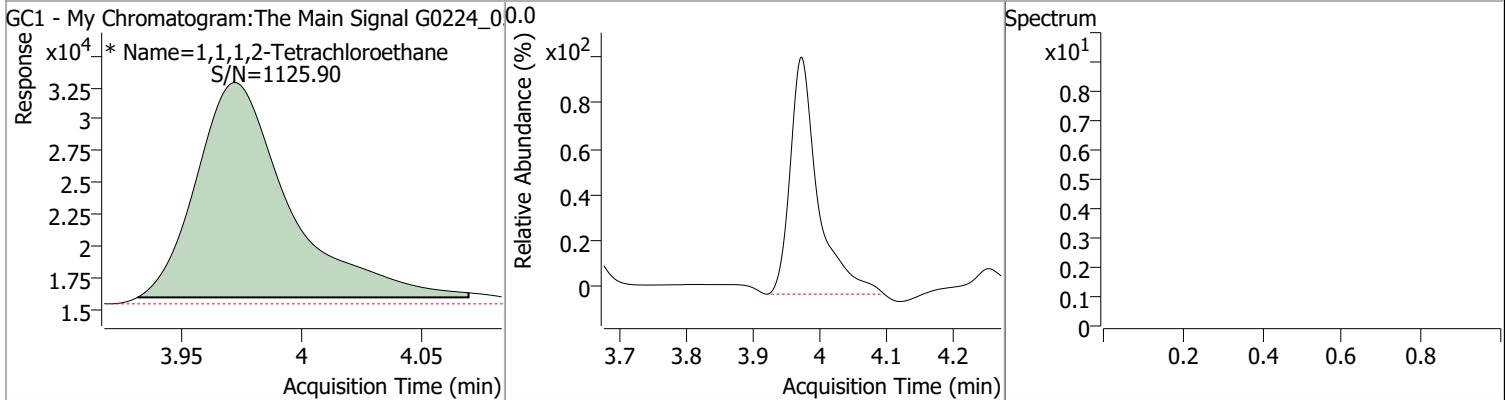
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.0500	3.66	0.20	8425				



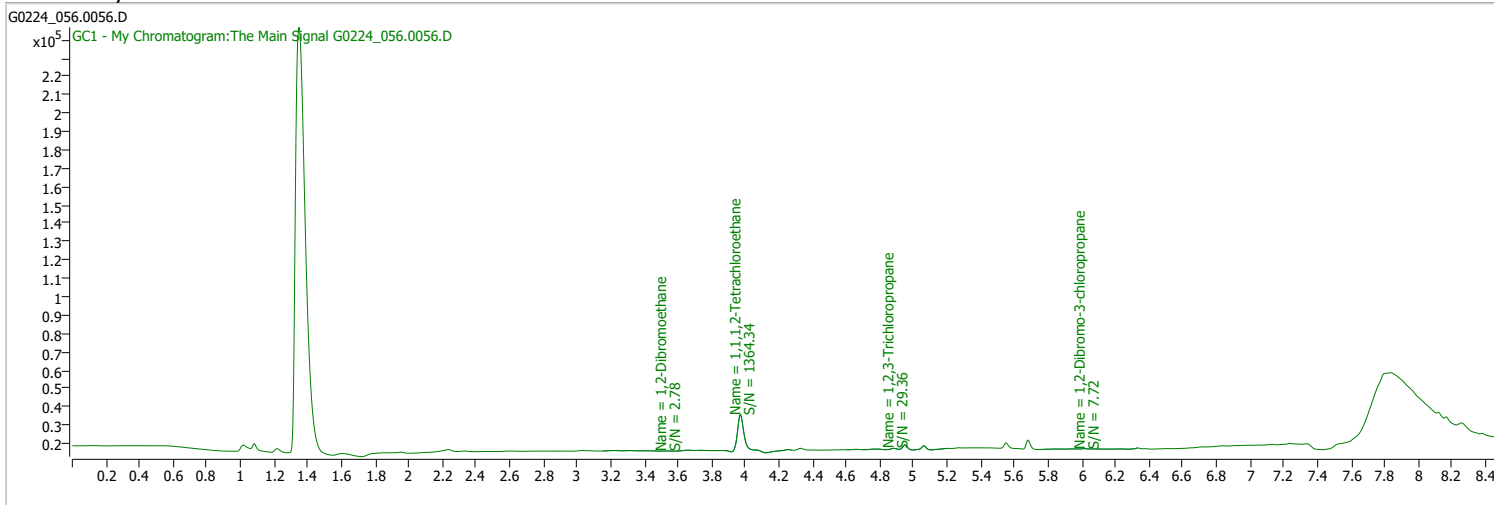
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1346	3.97	0.00	45726 (m)				



# Quantitation Results Report (QT Reviewed)

Data File	G0224_056.0056.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	2/25/2022 11:54:37 AM
Sample Name	B22021435-035A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	re-extract
Tune File		Tune Date	
Batch Name	G022422_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

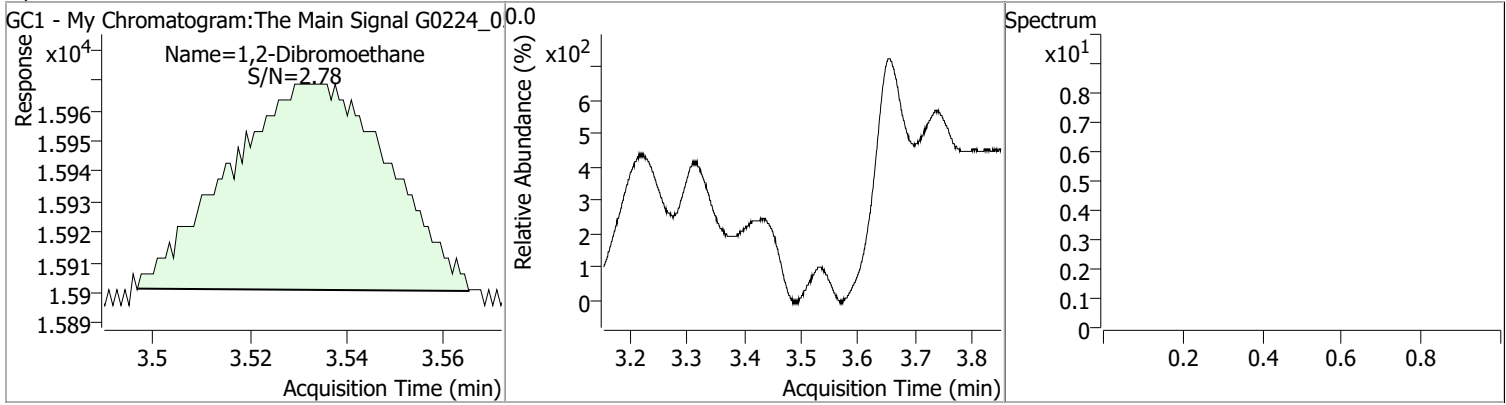


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.970	0.0	48775	0.1430	µg/L	m
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 143.04%		*
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.529	0.0	157	0.0009	µg/L	QValue 100

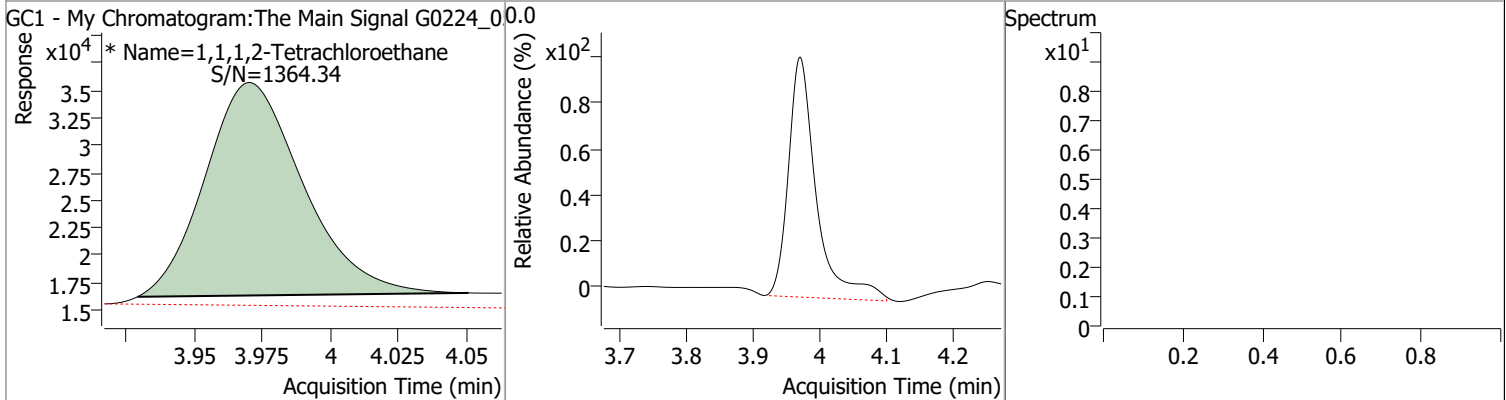
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.0009	3.53	0.08	157				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1430	3.97	0.00	48775 (m)				



# Audit Trail report

**Batch name and path:** \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\QuantResults\G022422\_8011\_W\_CLT.batch.bin  
**Quant batch version:** 10.0  
**Quant reporting version:** 10.0

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdNewBatchTable	BL2000\ctran	2/24/2022 12:02:23 PM	Create new batch \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G022422_8011_W_CLT.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\ctran	2/24/2022 12:02:26 PM	Add samples from worklist: \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_001.0001.D			✓	
CmdStartMethodEditing	BL2000\ctran	2/24/2022 12:04:12 PM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\ctran	2/24/2022 12:04:13 PM	Import method from file \\MASSHUNTER\Org\Data\GECD.I\GECD_methods\G022322_8011_W_CLT.m			✓	
CmdApplyMethodToAllSamples	BL2000\ctran	2/24/2022 12:04:22 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\ctran	2/24/2022 12:04:22 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\ctran	2/24/2022 12:04:23 PM	End method editing			✓	
CmdQuantitate	BL2000\ctran	2/24/2022 12:04:23 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	2/24/2022 12:07:17 PM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\QuantResults\G022422_8011_W_CLT.batch.bin			✓	
CmdOpenBatchTable	BL2000\ctran	2/24/2022 12:21:18 PM	Open batch \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G022422_8011_W_CLT.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\ctran	2/24/2022 12:22:01 PM	Add samples from worklist: \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_002.0002.D			✓	
CmdQuantitate	BL2000\ctran	2/24/2022 12:22:03 PM	Quantitate all compounds in all samples			✓	
CmdQuantitate	BL2000\ctran	2/24/2022 12:23:09 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	2/24/2022 12:25:10 PM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\QuantResults\G022422_8011_W_CLT.batch.bin			✓	
CmdOpenBatchTable	BL2000\ctran	2/24/2022 2:15:31 PM	Open batch \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G022422_8011_W_CLT.batch.bin			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportSamplesFromWorklist	BL2000\ctran	2/24/2022 2:15:46 PM	Add samples from worklist: \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_007.0007.D, \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_006.0006.D, \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_005.0005.D, \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_004.0004.D, \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_003.0003.D			✓	
CmdQuantitate	BL2000\ctran	2/24/2022 2:15:51 PM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\ctran	2/24/2022 2:17:22 PM	Set SampleType = Calibration for sample G0224_007.0007.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	2/24/2022 2:17:24 PM	Set LevelName = 1 for sample G0224_007.0007.D; previous value =			✓	
CmdQuantitate	BL2000\ctran	2/24/2022 2:17:26 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/24/2022 2:18:14 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_007.0007.D, from x, y = 3.961, 16214 to 4.033, 16182, result = 1386; previous integration is from x, y = 3.935, 15109 to 4.122, 14851 and previous response = 11629.			✓	
CmdQuantitate	BL2000\ctran	2/24/2022 2:23:22 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	2/24/2022 2:23:23 PM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\QuantResults\G022422_8011_W_CLT.batch.bin			✓	
CmdOpenBatchTable	BL2000\ctran	2/24/2022 2:54:49 PM	Open batch \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G022422_8011_W_CLT.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\ctran	2/24/2022 2:55:00 PM	Add samples from worklist: \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_009.0009.D, \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_008.0008.D			✓	
CmdQuantitate	BL2000\ctran	2/24/2022 2:55:02 PM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\ctran	2/24/2022 2:55:06 PM	Set SampleType = Calibration for sample G0224_008.0008.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	2/24/2022 2:55:09 PM	Set LevelName = 7 for sample G0224_008.0008.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/24/2022 2:55:11 PM	Set SampleType = Calibration for sample G0224_009.0009.D; previous value = Sample			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	2/24/2022 2:55:13 PM	Set LevelName = 2 for sample G0224_009.0009.D; previous value =			✓	
CmdQuantitate	BL2000\ctran	2/24/2022 2:55:15 PM	Quantitate all compounds in all samples			✓	
CmdUpdateRetentionTimes	BL2000\ctran	2/24/2022 2:56:02 PM	Update retention time for compound 1,1,1,2-Tetrachloroethane;			✓	
CmdQuantitate	BL2000\ctran	2/24/2022 2:56:05 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	2/24/2022 2:56:07 PM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\QuantResults\G022422_8011_W_CLT.batch.bin			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/24/2022 2:56:20 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_009.0009.D, from x, y = 3.945, 16303 to 4.062, 16198, result = 14968; previous integration is from x, y = 3.928, 15359 to 4.121, 14908 and previous response = 25109.			✓	
CmdQuantitate	BL2000\ctran	2/24/2022 2:56:27 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	2/24/2022 2:56:28 PM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\QuantResults\G022422_8011_W_CLT.batch.bin			✓	
CmdSaveBatchTable	BL2000\ctran	2/24/2022 3:31:58 PM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\QuantResults\G022422_8011_W_CLT.batch.bin			✓	
CmdOpenBatchTable	BL2000\ctran	2/25/2022 8:07:50 AM	Open batch \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G022422_8011_W_CLT.batch.bin			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportSamplesFromWorklist	BL2000\ctran	2/25/2022 8:08:11 AM	Add samples from worklist: \\MASSHUNTER\Org\Data\GEC.D.I\G02242422\aiexport\G0224_046.0046.D, \\MASSHUNTER\Org\Data\GEC.D.I\G02242422\aiexport\G0224_045.0045.D, \\MASSHUNTER\Org\Data\GEC.D.I\G02242422\aiexport\G0224_044.0044.D, \\MASSHUNTER\Org\Data\GEC.D.I\G02242422\aiexport\G0224_043.0043.D, \\MASSHUNTER\Org\Data\GEC.D.I\G02242422\aiexport\G0224_042.0042.D, \\MASSHUNTER\Org\Data\GEC.D.I\G02242422\aiexport\G0224_041.0041.D, \\MASSHUNTER\Org\Data\GEC.D.I\G02242422\aiexport\G0224_040.0040.D, \\MASSHUNTER\Org\Data\GEC.D.I\G02242422\aiexport\G0224_039.0039.D, \\MASSHUNTER\Org\Data\GEC.D.I\G02242422\aiexport\G0224_038.0038.D, \\MASSHUNTER\Org\Data\GEC.D.I\G02242422\aiexport\G0224_037.0037.D, \\MASSHUNTER\Org\Data\GEC.D.I\G02242422\aiexport\G0224_036.0036.D, \\MASSHUNTER\Org\Data\GEC.D.I\G02242422\aiexport\G0224_035.0035.D, \\MASSHUNTER\Org\Data\GEC.D.I\G02242422\aiexport\G0224_034.0034.D, \\MASSHUNTER\Org\Data\GEC.D.I\G02242422\aiexport\G0224_033.0033.D, \\MASSHUNTER\Org\Data\GEC.D.I\G02242422\aiexport\G0224_032.0032.D, \\MASSHUNTER\Org\Data\GEC.D.I\G02242422\aiexport\G0224_031.0031.D, \\MASSHUNTER\Org\Data\GEC.D.I\G02242422\aiexport\G0224_030.0030.D, \\MASSHUNTER\Org\Data\GEC.D.I\G02242422\aiexport\G0224_029.0029.D, \\MASSHUNTER\Org\Data\GEC.D.I\G02242422\aiexport\G0224_028.0028.D, \\MASSHUNTER\Org\Data\GEC.D.I\G02242422\aiexport\G0224_027.0027.D, \\MASSHUNTER\Org\Data\GEC.D.I\G02242422\aiexport\G0224_026.0026.D, \\MASSHUNTER\Org\Data\GEC.D.I\G02242422\aiexport\G0224_025.0025.D, \\MASSHUNTER\Org\Data\GEC.D.I\G02242422\aiexport\G0224_024.0024.D, \\MASSHUNTER\Org\Data\GEC.D.I\G02242422\aiexport\G0224_023.0023.D, \\MASSHUNTER\Org\Data\GEC.D.I\G02242422\aiexport\G0224_022.0022.D, \\MASSHUNTER\Org\Data\GEC.D.I\G02242422\aiexport\G0224_021.0021.D, \\MASSHUNTER\Org\Data\GEC.D.I\G02242422\aiexport\G0224_020.0020.D, \\MASSHUNTER\Org\Data\GEC.D.I\G02242422\aiexport\G0224_019.0019.D, \\MASSHUNTER\Org\Data\GEC.D.I\G02242422\aiexport\G0224_018.0018.D,			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			\\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_017.0017.D, \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_016.0016.D, \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_015.0015.D, \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_014.0014.D, \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_013.0013.D, \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_012.0012.D, \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_011.0011.D, \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_010.0010.D				
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:08:23 AM	Set SampleType = Calibration for sample G0224_010.0010.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:08:25 AM	Set LevelName = 3 for sample G0224_010.0010.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:08:27 AM	Set SampleType = Calibration for sample G0224_011.0011.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:08:30 AM	Set LevelName = 4 for sample G0224_011.0011.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:08:32 AM	Set SampleType = Calibration for sample G0224_012.0012.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:08:35 AM	Set LevelName = 5 for sample G0224_012.0012.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:08:37 AM	Set SampleType = Calibration for sample G0224_013.0013.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:08:39 AM	Set LevelName = 6 for sample G0224_013.0013.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:08:42 AM	Set SampleType = DoubleBlank for sample G0224_014.0014.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:08:45 AM	Set SampleType = QC for sample G0224_015.0015.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:08:48 AM	Set LevelName = LCS for sample G0224_015.0015.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:08:51 AM	Set SampleType = CC for sample G0224_016.0016.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:08:53 AM	Set LevelName = 3 for sample G0224_016.0016.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:08:55 AM	Set SampleType = Blank for sample G0224_017.0017.D; previous value = Sample			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:08:57 AM	Set SampleType = QC for sample G0224_018.0018.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:08:59 AM	Set LevelName = LCS for sample G0224_018.0018.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:09:04 AM	Set SampleType = QC for sample G0224_019.0019.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:09:06 AM	Set LevelName = LCS1 for sample G0224_019.0019.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:09:08 AM	Set SampleType = DoubleBlank for sample G0224_020.0020.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:09:23 AM	Set SampleType = MatrixBlank for sample G0224_029.0029.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:09:26 AM	Set SampleType = Matrix for sample G0224_030.0030.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:09:28 AM	Set SampleType = MatrixDup for sample G0224_031.0031.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:09:32 AM	Set SampleType = DoubleBlank for sample G0224_032.0032.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:09:33 AM	Set SampleType = DoubleBlank for sample G0224_034.0034.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:09:35 AM	Set SampleType = CC for sample G0224_033.0033.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:09:38 AM	Set LevelName = 5 for sample G0224_033.0033.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:09:43 AM	Set SampleType = DoubleBlank for sample G0224_045.0045.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:09:45 AM	Set SampleType = CC for sample G0224_046.0046.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:09:47 AM	Set LevelName = 3 for sample G0224_046.0046.D; previous value =			✓	
CmdQuantitate	BL2000\ctran	2/25/2022 8:09:50 AM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 8:10:15 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_009.0009.D; previous value =			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 8:10:23 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_010.0010.D, from x, y = 3.937, 16177 to 4.053, 16323, result = 31992; previous integration is from x, y = 3.924, 15484 to 4.088, 15842 and previous response = 37124.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	2/25/2022 8:10:25 AM	Drop baseline for compound 1,1,1,2-Tetrachloroethane in sample G0224_010.0010.D to y = 16177, new integration is from x, y = 3.937, 16177 to 4.053, 16177 and new response = 32499; previous integration is from x, y = 3.937, 16177 to 4.053, 16323 and previous response = 31992.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 8:10:26 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_010.0010.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 8:10:43 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_011.0011.D, from x, y = 3.932, 16370 to 4.063, 16276, result = 67779; previous integration is from x, y = 3.920, 15543 to 4.094, 14970 and previous response = 77954.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 8:10:44 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_011.0011.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 8:10:52 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_012.0012.D, from x, y = 3.927, 16583 to 4.072, 16286, result = 147845; previous integration is from x, y = 3.921, 15934 to 4.093, 15068 and previous response = 156878.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\ctran	2/25/2022 8:11:03 AM	Snap baseline for compound 1,1,1,2-Tetrachloroethane in sample G0224_013.0013.D, from x = 3.920 to x = 4.097, new integration is from x, y = 3.920, 16599 to 4.097, 15641 and new response = 382731; previous integration is from x, y = 3.920, 15819 to 4.097, 15081 and previous response = 389829.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 8:11:07 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_013.0013.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 8:11:10 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_012.0012.D; previous value =			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\ctran	2/25/2022 8:11:20 AM	Replace level 6 with Calibration sample G0224_013.0013.D for compounds {1,2-Dibromo-3-chloropropane, 1,2,3-Trichloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level 5 with Calibration sample G0224_012.0012.D for compounds {1,2-Dibromo-3-chloropropane, 1,2,3-Trichloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level 4 with Calibration sample G0224_011.0011.D for compounds {1,2-Dibromo-3-chloropropane, 1,2,3-Trichloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level 3 with Calibration sample G0224_010.0010.D for compounds {1,2-Dibromo-3-chloropropane, 1,2,3-Trichloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level 2 with Calibration sample G0224_009.0009.D for compounds {1,2-Dibromo-3-chloropropane, 1,2,3-Trichloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level 7 with Calibration sample G0224_008.0008.D for compounds {1,2-Dibromo-3-chloropropane, 1,2,3-Trichloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level 1 with Calibration sample G0224_007.0007.D for compounds {1,2-Dibromo-3-chloropropane, 1,2,3-Trichloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane};			✓	
CmdQuantitate	BL2000\ctran	2/25/2022 8:11:24 AM	Quantitate all compounds in all samples			✓	
CmdStartMethodEditing	BL2000\ctran	2/25/2022 8:11:52 AM	Start method editing			✓	
CmdImportMethodFrom Sample	BL2000\ctran	2/25/2022 8:11:52 AM	Import method from sample G0224_012.0012.D			✓	
CmdSaveMethodAs	BL2000\ctran	2/25/2022 8:12:18 AM	Save method to file \\MASSHUNTER\Org\Data\GEC.D.I\GEC D_methods\G022422_8011_W_CLT.m			✓	
CmdApplyMethodToAll Samples	BL2000\ctran	2/25/2022 8:12:22 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\ctran	2/25/2022 8:12:22 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\ctran	2/25/2022 8:12:23 AM	End method editing			✓	
CmdQuantitate	BL2000\ctran	2/25/2022 8:12:25 AM	Quantitate all compounds in all samples			✓	
CmdUpdateRetentionTimes	BL2000\ctran	2/25/2022 8:12:35 AM	Update retention time for compound 1,2,3-Trichloropropane; 1,2-Dibromo-3-chloropropane; 1,2-Dibromoethane; 1,1,1,2-Tetrachloroethane;			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdQuantitate	BL2000\ctran	2/25/2022 8:12:39 AM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:14:00 AM	Set SampleApproved = True for sample G0224_013.0013.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:14:01 AM	Set SampleApproved = True for sample G0224_012.0012.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:14:01 AM	Set SampleApproved = True for sample G0224_011.0011.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:14:02 AM	Set SampleApproved = True for sample G0224_010.0010.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:14:02 AM	Set SampleApproved = True for sample G0224_009.0009.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:14:02 AM	Set SampleApproved = True for sample G0224_008.0008.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:14:03 AM	Set SampleApproved = True for sample G0224_007.0007.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 8:14:16 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_015.0015.D, from x, y = 3.933, 16047 to 4.057, 16203, result = 33999; previous integration is from x, y = 3.920, 15432 to 4.098, 14921 and previous response = 43119.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	2/25/2022 8:14:17 AM	Drop baseline for compound 1,1,1,2-Tetrachloroethane in sample G0224_015.0015.D to y = 16047, new integration is from x, y = 3.933, 16047 to 4.057, 16047 and new response = 34577; previous integration is from x, y = 3.933, 16047 to 4.057, 16203 and previous response = 33999.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 8:14:39 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_016.0016.D, from x, y = 3.936, 16370 to 4.055, 16219, result = 31159; previous integration is from x, y = 3.929, 15641 to 4.103, 14908 and previous response = 40314.			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 8:14:58 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0224_017.0017.D			✓	
CmdClearManualIntegration	BL2000\ctran	2/25/2022 8:15:06 AM	Clear manual integration of target signal for compound 1,2-Dibromoethane in sample G0224_017.0017.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\ctran	2/25/2022 8:15:09 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0224_017.0017.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 8:15:18 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_018.0018.D, from x, y = 3.935, 16495 to 4.067, 16032, result = 32624; previous integration is from x, y = 3.919, 15536 to 4.103, 15020 and previous response = 42117.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\ctran	2/25/2022 8:15:19 AM	Snap baseline for compound 1,1,1,2-Tetrachloroethane in sample G0224_018.0018.D, from x = 3.935 to x = 4.067, new integration is from x, y = 3.935, 16495 to 4.067, 16234 and new response = 31825; previous integration is from x, y = 3.935, 16495 to 4.067, 16032 and previous response = 32624.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 8:15:22 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_018.0018.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 8:15:26 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_019.0019.D, from x, y = 3.933, 16411 to 4.059, 16396, result = 34064; previous integration is from x, y = 3.918, 15641 to 4.102, 15115 and previous response = 43834.			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 8:15:30 AM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0224_020.0020.D			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 8:15:31 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0224_020.0020.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 8:15:42 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_021.0021.D, from x, y = 3.928, 16313 to 4.058, 16292, result = 42127; previous integration is from x, y = 3.915, 15620 to 4.094, 15081 and previous response = 51299.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 8:15:53 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_022.0022.D, from x, y = 3.932, 16589 to 4.056, 16484, result = 31040; previous integration is from x, y = 3.917, 15448 to 4.098, 15024 and previous response = 43454.			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 8:16:01 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_023.0023.D, from x, y = 3.931, 16323 to 4.062, 16219, result = 38959; previous integration is from x, y = 3.916, 15406 to 4.099, 14881 and previous response = 49761.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 8:16:06 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_024.0024.D, from x, y = 3.933, 16344 to 4.048, 16422, result = 30764; previous integration is from x, y = 3.928, 15828 to 4.100, 14991 and previous response = 39797.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 8:16:12 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_025.0025.D, from x, y = 3.933, 16375 to 4.051, 16359, result = 32157; previous integration is from x, y = 3.917, 15357 to 4.100, 14867 and previous response = 44286.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 8:16:17 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_026.0026.D, from x, y = 3.933, 16323 to 4.044, 16411, result = 32943; previous integration is from x, y = 3.918, 15365 to 4.052, 15039 and previous response = 41697.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 8:16:21 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_027.0027.D, from x, y = 3.931, 16229 to 4.050, 16307, result = 34989; previous integration is from x, y = 3.918, 15511 to 4.096, 15011 and previous response = 44769.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 8:16:28 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_028.0028.D, from x, y = 3.933, 16313 to 4.055, 16403, result = 31897; previous integration is from x, y = 3.921, 15375 to 4.055, 16403 and previous response = 35174.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 8:16:35 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_029.0029.D, from x, y = 3.932, 16109 to 4.059, 16172, result = 33605; previous integration is from x, y = 3.918, 15307 to 4.090, 14837 and previous response = 43741.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 8:16:40 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_030.0030.D, from x, y = 3.933, 16411 to 4.046, 16240, result = 32008; previous integration is from x, y = 3.929, 15805 to 4.089, 14939 and previous response = 40281.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 8:16:45 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_031.0031.D, from x, y = 3.932, 16250 to 4.055, 16198, result = 32849; previous integration is from x, y = 3.918, 15344 to 4.093, 15344 and previous response = 40891.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 8:16:53 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_033.0033.D, from x, y = 3.921, 16276 to 4.058, 16359, result = 152467; previous integration is from x, y = 3.917, 15846 to 4.088, 14923 and previous response = 161426.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	2/25/2022 8:16:53 AM	Drop baseline for compound 1,1,1,2-Tetrachloroethane in sample G0224_033.0033.D to y = 16276, new integration is from x, y = 3.921, 16276 to 4.058, 16276 and new response = 152809; previous integration is from x, y = 3.921, 16276 to 4.058, 16359 and previous response = 152467.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 8:16:55 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_033.0033.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 8:17:19 AM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0224_034.0034.D			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 8:17:21 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0224_034.0034.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 8:17:28 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_036.0036.D, from x, y = 3.933, 16148 to 4.053, 16240, result = 32653; previous integration is from x, y = 3.917, 15281 to 4.100, 14823 and previous response = 43774.			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 8:17:32 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0224_036.0036.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 8:17:40 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_037.0037.D, from x, y = 3.925, 16098 to 4.059, 16109, result = 39690; previous integration is from x, y = 3.915, 15354 to 4.087, 14868 and previous response = 49184.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 8:17:47 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_038.0038.D, from x, y = 3.931, 16292 to 4.048, 16323, result = 35877; previous integration is from x, y = 3.918, 15367 to 4.088, 14928 and previous response = 46963.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 8:17:54 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_039.0039.D, from x, y = 3.928, 16198 to 4.079, 15948, result = 45043; previous integration is from x, y = 3.915, 15447 to 4.093, 14964 and previous response = 53670.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 8:17:59 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_039.0039.D, from x, y = 3.928, 16198 to 4.049, 16012, result = 44451; previous integration is from x, y = 3.928, 16198 to 4.079, 15948 and previous response = 45043.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 8:18:16 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_040.0040.D, from x, y = 3.928, 16276 to 4.057, 16438, result = 49542; previous integration is from x, y = 3.915, 15495 to 4.099, 15023 and previous response = 60525.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 8:18:25 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_041.0041.D, from x, y = 3.928, 16281 to 4.058, 16203, result = 52432; previous integration is from x, y = 3.915, 15531 to 4.089, 15014 and previous response = 61699.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 8:18:32 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_042.0042.D, from x, y = 3.928, 16193 to 4.050, 16313, result = 45163; previous integration is from x, y = 3.916, 15484 to 4.094, 15484 and previous response = 52453.			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:19:18 AM	Set LevelName = LCS for sample G0224_030.0030.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 8:19:25 AM	Set LevelName = LCS for sample G0224_031.0031.D; previous value =			✓	
CmdQuantitate	BL2000\ctran	2/25/2022 8:19:27 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 8:22:43 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_046.0046.D, from x, y = 3.931, 16094 to 4.058, 16135, result = 34534; previous integration is from x, y = 3.917, 15333 to 4.100, 14826 and previous response = 44450.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 8:25:29 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_044.0044.D, from x, y = 3.928, 16370 to 4.058, 16307, result = 37984; previous integration is from x, y = 3.923, 15978 to 4.080, 16092 and previous response = 40659.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	2/25/2022 8:25:31 AM	Drop baseline for compound 1,1,1,2-Tetrachloroethane in sample G0224_044.0044.D to y = 16307, new integration is from x, y = 3.928, 16307 to 4.058, 16307 and new response = 38229; previous integration is from x, y = 3.928, 16370 to 4.058, 16307 and previous response = 37984.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 8:25:33 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_044.0044.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 8:58:46 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0224_029.0029.D			✓	
CmdQuantitate	BL2000\ctran	2/25/2022 8:58:49 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 9:00:01 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_017.0017.D, from x, y = 3.934, 16333 to 4.051, 16260, result = 32257; previous integration is from x, y = 3.927, 15647 to 4.097, 14974 and previous response = 41183.			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 9:03:52 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0224_041.0041.D			✓	
CmdRemoveSamples	BL2000\ctran	2/25/2022 9:46:55 AM	Remove 1 sample(s): Remove Sample sample B22010745-007A, data file G0224_021.0021.D ;			✓	
CmdImportSamplesFromWorklist	BL2000\ctran	2/25/2022 9:47:07 AM	Add samples from worklist: \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_021.0021.D			✓	
CmdImportSamplesFromWorklist	BL2000\ctran	2/25/2022 9:47:22 AM	Add samples from worklist: \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_048.0048.D, \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_047.0047.D			✓	
CmdQuantitate	BL2000\ctran	2/25/2022 9:56:13 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	2/25/2022 9:56:44 AM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\QuantResults\G022422_8011_W_CLT.batch.bin			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportSamplesFromWorklist	BL2000\ctran	2/25/2022 12:26:45 PM	Add samples from worklist: \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_056.0056.D, \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_055.0055.D, \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_054.0054.D, \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_053.0053.D, \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_052.0052.D, \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_051.0051.D, \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_050.0050.D, \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G0224_049.0049.D			✓	
CmdQuantitate	BL2000\ctran	2/25/2022 12:26:50 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 12:27:01 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_056.0056.D, from x, y = 3.929, 16167 to 4.051, 16521, result = 48775; previous integration is from x, y = 3.918, 15521 to 4.101, 15058 and previous response = 59527.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 12:27:06 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_055.0055.D, from x, y = 3.933, 16047 to 4.067, 16370, result = 43633; previous integration is from x, y = 3.921, 15451 to 4.097, 15451 and previous response = 50885.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 12:27:09 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_055.0055.D, from x, y = 3.933, 16047 to 4.058, 15980, result = 44961; previous integration is from x, y = 3.933, 16047 to 4.067, 16370 and previous response = 43633.			✓	
CmdClearManualIntegration	BL2000\ctran	2/25/2022 12:27:12 PM	Clear manual integration of target signal for compound 1,1,1,2-Tetrachloroethane in sample G0224_055.0055.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 12:27:20 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_055.0055.D, from x, y = 3.932, 15958 to 4.070, 16323, result = 44213; previous integration is from x, y = 3.921, 15451 to 4.097, 15451 and previous response = 50885.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\ctran	2/25/2022 12:27:21 PM	Drop baseline for compound 1,1,1,2-Tetrachloroethane in sample G0224_055.0055.D to y = 15958, new integration is from x, y = 3.932, 15958 to 4.070, 15958 and new response = 45726; previous integration is from x, y = 3.932, 15958 to 4.070, 16323 and previous response = 44213.			✓	
CmdSaveBatchTable	BL2000\ctran	2/25/2022 1:27:26 PM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\QuantResults\G022422_8011_W_CLT.batch.bin			✓	
CmdOpenBatchTable	BL2000\ctran	2/25/2022 1:32:01 PM	Open batch \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\G022422_8011_W_CLT.batch.bin			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:32:38 PM	Set SampleApproved = True for sample G0224_001.0001.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:32:39 PM	Set SampleApproved = True for sample G0224_002.0002.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:32:40 PM	Set SampleApproved = True for sample G0224_003.0003.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:32:40 PM	Set SampleApproved = True for sample G0224_004.0004.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:32:40 PM	Set SampleApproved = True for sample G0224_005.0005.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:32:44 PM	Set SampleType = DoubleBlank for sample G0224_006.0006.D; previous value = Sample			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:32:46 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0224_006.0006.D			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:32:48 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0224_006.0006.D			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:32:53 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0224_014.0014.D			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:33:04 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0224_014.0014.D			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:33:06 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0224_014.0014.D			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:33:08 PM	Set SampleApproved = True for sample G0224_014.0014.D; previous value = False			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 1:38:21 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_015.0015.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:38:25 PM	Set SampleApproved = True for sample G0224_015.0015.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 1:38:30 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_016.0016.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:38:32 PM	Set SampleApproved = True for sample G0224_016.0016.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 1:38:36 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_017.0017.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:38:39 PM	Set SampleApproved = True for sample G0224_017.0017.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 1:38:48 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_019.0019.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:38:52 PM	Set SampleApproved = True for sample G0224_018.0018.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:38:53 PM	Set SampleApproved = True for sample G0224_019.0019.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:38:55 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0224_020.0020.D			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:38:57 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0224_020.0020.D			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:38:58 PM	Set SampleApproved = True for sample G0224_020.0020.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:41:37 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0224_022.0022.D			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 1:41:40 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_022.0022.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:41:41 PM	Set SampleApproved = True for sample G0224_022.0022.D; previous value = False			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 1:41:44 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_023.0023.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:41:47 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0224_023.0023.D			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:41:48 PM	Set SampleApproved = True for sample G0224_023.0023.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:41:52 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0224_024.0024.D			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 1:41:56 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_024.0024.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:41:57 PM	Set SampleApproved = True for sample G0224_024.0024.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 1:41:59 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_025.0025.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:42:02 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0224_025.0025.D			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:42:03 PM	Set SampleApproved = True for sample G0224_025.0025.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:42:07 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0224_026.0026.D			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 1:42:10 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_026.0026.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:42:11 PM	Set SampleApproved = True for sample G0224_026.0026.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 1:42:14 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_027.0027.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:42:16 PM	Set SampleApproved = True for sample G0224_027.0027.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:42:17 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0224_027.0027.D			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:42:20 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0224_028.0028.D			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 1:42:23 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_028.0028.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:42:24 PM	Set SampleApproved = True for sample G0224_028.0028.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 1:42:26 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_029.0029.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:42:30 PM	Set SampleApproved = True for sample G0224_029.0029.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 1:42:37 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_030.0030.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:42:37 PM	Set SampleApproved = True for sample G0224_030.0030.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 1:42:40 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_031.0031.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:42:46 PM	Set SampleApproved = True for sample G0224_031.0031.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:42:49 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0224_032.0032.D			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:42:51 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0224_032.0032.D			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:42:58 PM	Set SampleApproved = True for sample G0224_033.0033.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:43:00 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0224_034.0034.D			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:43:02 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0224_034.0034.D			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:43:05 PM	Set SampleApproved = True for sample G0224_034.0034.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:43:10 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0224_035.0035.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:43:14 PM	Set SampleApproved = True for sample G0224_035.0035.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 1:43:17 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_036.0036.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:43:20 PM	Set SampleApproved = True for sample G0224_036.0036.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:43:22 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0224_037.0037.D			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 1:43:28 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_037.0037.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:43:29 PM	Set SampleApproved = True for sample G0224_037.0037.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 1:44:03 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_038.0038.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:44:06 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0224_038.0038.D			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:44:07 PM	Set SampleApproved = True for sample G0224_038.0038.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:44:09 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0224_039.0039.D			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 1:44:14 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_039.0039.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:44:20 PM	Set Comment = re-extract for sample G0224_039.0039.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:44:25 PM	Set Comment = re-extract for sample G0224_040.0040.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:44:25 PM	Set SampleApproved = True for sample G0224_040.0040.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:44:26 PM	Set SampleApproved = True for sample G0224_039.0039.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:44:32 PM	Set Comment = re-extract for sample G0224_041.0041.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:44:32 PM	Set SampleApproved = True for sample G0224_041.0041.D; previous value = False			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:44:53 PM	Set Comment = cannot re-extract due to limited sample volume for sample G0224_041.0041.D; previous value = re-extract			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:44:53 PM	Set SampleApproved = True for sample G0224_042.0042.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:44:58 PM	Set Comment = re-extract for sample G0224_042.0042.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:44:59 PM	Set SampleApproved = True for sample G0224_043.0043.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:45:03 PM	Set Comment = re-extract for sample G0224_043.0043.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:45:11 PM	Set SampleApproved = True for sample G0224_044.0044.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 1:45:12 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_044.0044.D; previous value = GT			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:45:16 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0224_044.0044.D			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:45:36 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0224_045.0045.D			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:45:38 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0224_045.0045.D			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:45:39 PM	Set SampleApproved = True for sample G0224_045.0045.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:47:42 PM	Set SampleApproved = True for sample G0224_056.0056.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:47:43 PM	Set SampleApproved = True for sample G0224_055.0055.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:47:44 PM	Set SampleApproved = True for sample G0224_054.0054.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:47:52 PM	Set Comment = re-extract for sample G0224_055.0055.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:47:56 PM	Set Comment = re-extract for sample G0224_056.0056.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:47:59 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0224_054.0054.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:48:00 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0224_054.0054.D			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:48:07 PM	Set SampleApproved = True for sample G0224_053.0053.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:48:09 PM	Set SampleType = DoubleBlank for sample G0224_052.0052.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:48:11 PM	Set SampleType = DoubleBlank for sample G0224_054.0054.D; previous value = Sample			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:48:13 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0224_052.0052.D			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:48:19 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0224_054.0054.D			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:48:21 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0224_052.0052.D			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:48:25 PM	Set SampleApproved = True for sample G0224_052.0052.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:48:26 PM	Set SampleApproved = True for sample G0224_051.0051.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:48:27 PM	Set SampleApproved = True for sample G0224_050.0050.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:48:27 PM	Set SampleApproved = True for sample G0224_049.0049.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:48:28 PM	Set SampleApproved = True for sample G0224_048.0048.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:48:29 PM	Set SampleApproved = True for sample G0224_047.0047.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\ctran	2/25/2022 1:48:39 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0224_021.0021.D, from x, y = 3.928, 16219 to 4.055, 16323, result = 42363; previous integration is from x, y = 3.915, 15620 to 4.094, 15081 and previous response = 51299.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\ctran	2/25/2022 1:48:40 PM	Drop baseline for compound 1,1,1,2-Tetrachloroethane in sample G0224_021.0021.D to y = 16219, new integration is from x, y = 3.928, 16219 to 4.055, 16219 and new response = 42761; previous integration is from x, y = 3.928, 16219 to 4.055, 16323 and previous response = 42363.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 1:48:41 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_021.0021.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	2/25/2022 1:48:44 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0224_021.0021.D			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:48:45 PM	Set SampleApproved = True for sample G0224_021.0021.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 1:48:52 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_046.0046.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:48:54 PM	Set SampleApproved = True for sample G0224_046.0046.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 1:49:01 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_042.0042.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 1:49:03 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_041.0041.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	2/25/2022 1:49:07 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0224_040.0040.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:49:27 PM	Set SampleApproved = True for sample G0224_032.0032.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 1:49:55 PM	Set SampleApproved = True for sample G0224_006.0006.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 2:30:27 PM	Set SampleType = CC for sample G0224_007.0007.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 2:30:28 PM	Set SampleType = CC for sample G0224_008.0008.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 2:30:31 PM	Set SampleType = CC for sample G0224_009.0009.D; previous value = Calibration			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 2:30:32 PM	Set SampleType = CC for sample G0224_010.0010.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 2:30:34 PM	Set SampleType = CC for sample G0224_011.0011.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 2:30:36 PM	Set SampleType = CC for sample G0224_012.0012.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	2/25/2022 2:30:38 PM	Set SampleType = CC for sample G0224_013.0013.D; previous value = Calibration			✓	
CmdQuantitate	BL2000\ctran	2/25/2022 2:30:42 PM	Quantitate all compounds in all samples			✓	
CmdQuantitate	BL2000\ctran	2/25/2022 2:31:38 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	2/25/2022 3:20:51 PM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G022422\aiexport\QuantResults\G022422_8011_W_CLT.batch.bin			✓	
CmdOpenBatchTable	BL2000\srcox	3/9/2022 2:55:32 PM	Open batch D:\Org\Data\GECD.I\G022422\aiexport\G022422_8011_W_CLT.batch.bin			✓	
GenerateReport	BL2000\srcox	3/9/2022 2:59:41 PM	Generates report - Method: \\MASSHUNTER\Org\reports\Gen_ResultsSummary.m, Output Path: D:\Org\Data\GECD.I\G022422\aiexport\QuantReports\G022422_8011_W_CLT			✓	
GenerateReport	BL2000\srcox	3/9/2022 3:02:22 PM	Generates report - Method: \\MASSHUNTER\Org\reports\init_cal_report.m, Output Path: D:\Org\Data\GECD.I\G022422\aiexport\QuantReports\G022422_8011_W_CLT-1			✓	
CmdOpenBatchTable	BL2000\srcox	3/9/2022 3:13:56 PM	Open batch D:\Org\Data\GECD.I\G022422\aiexport\G022422_8011_W_CLT.batch.bin			✓	
GenerateReport	BL2000\srcox	3/9/2022 3:14:49 PM	Generates report - Method: \\MASSHUNTER\Org\reports\Gen_Calibration.m, Output Path: D:\Org\Data\GECD.I\G022422\aiexport\QuantReports\G022422_8011_W_CLT-2			✓	
GenerateReport	BL2000\srcox	3/9/2022 3:18:07 PM	Generates report - Method: \\MASSHUNTER\Org\reports\Env_QuantResults_wGraphics+Chromatogram.m, Output Path: D:\Org\Data\GECD.I\G022422\aiexport\QuantReports\G022422_8011_W_CLT-3			✓	

# PREP BATCH REPORT

Prep Code: **PRP-8011-W**  
 Prep Batch **164181** Prep Temp: **NA °C**

Technician: **Carry L Tran**  
 Batch Units: **ML**

Prep Start Date: **3/3/2022 11:27:43 AM**  
 Prep End Date: **3/3/2022 1:58:00 PM**

Sample ID	Matrix	pH	Initial Samp Amt	Sol Added	Sol Recovered	Final Vol (mL)	Factor	Balance	Prep Start Date	Prep End Date
MB-164181		6	35	0	0	2.0	0.057		3/3/2022	3/3/2022
CLT spiked and surrogated. ORR witnessed and assisted.										
LCS-164181		6	35	0	0	2.0	0.057		3/3/2022	3/3/2022
5mL_19K50667 calibrated/passed on 03/03/2022 prior to the extraction.										
LCS1-164181		6	35	0	0	2.0	0.057	Bal #25	3/3/2022	3/3/2022
All samples poured to 35mL using a gravimetrically determined standard made by CLT on 03/03/2022										
CK3-164181		6	35	0	0	2.0	0.057	Bal #25	3/3/2022	3/3/2022
Samples went on solvent at 1:20pm										
CK5-164181		6	35	0	0	2.0	0.057	Bal #25	3/3/2022	3/3/2022
Unlocked to add final weights- CLT 3/3/22										
B22021763-001H	Ground Water	1	35	0	0	2.0	0.057	Bal #25	3/3/2022	3/3/2022
Vial 1/3. Combined vial and sample weight of 60.49g with cap on. Empty vial weight with cap on 25.46g=35.03g. Entire sample consumed in extraction.										
B22021763-001HMS	Ground Water	1	35	0	0	2.0	0.056	Bal #25	3/3/2022	3/3/2022
Vial 2/3. Combined vial and sample weight of 61.05g with cap on. Empty vial weight with cap on 25.58g=35.47g. Entire sample consumed in extraction.										
B22021763-001HMSD	Ground Water	1	35	0	0	2.0	0.057	Bal #25	3/3/2022	3/3/2022
Vial 3/3. Combined vial and sample weight of 60.67g with cap on. Empty vial weight with cap on 25.63g=35.04g. Entire sample consumed in extraction.										
B22021763-004A	Trip Blank	1	35	0	0	2.0	0.057	Bal #25	3/3/2022	3/3/2022
Vial 1/1. Combined vial and sample weight of 60.54g with cap on. Empty vial weight with cap on 25.65g=34.89g. Entire sample consumed in extraction.										
B22021763-006H	Ground Water	1	35	0	0	2.0	0.056	Bal #25	3/3/2022	3/3/2022
Vial 1/3. Combined vial and sample weight of 60.80g with cap on. Empty vial weight with cap on 25.34g=35.46g.										
B22021763-009A	Trip Blank	1	35	0	0	2.0	0.057	Bal #25	3/3/2022	3/3/2022
Vial 1/2. Combined vial and sample weight of 60.85g with cap on. Empty vial weight with cap on 25.61g=35.24g.										
B22021763-011H	Ground Water	1	35	0	0	2.0	0.056	Bal #25	3/3/2022	3/3/2022
Vial 1/3. Combined vial and sample weight of 61.30g with cap on. Empty vial weight with cap on 25.85g=35.45g.										
B22021763-014A	Trip Blank	1	35	0	0	2.0	0.057	Bal #25	3/3/2022	3/3/2022
Vial 1/2. Combined vial and sample weight of 61.15g with cap on. Empty vial weight with cap on 25.83g=35.32g.										
B22021763-016H	Ground Water	1	35	0	0	2.0	0.057	Bal #25	3/3/2022	3/3/2022
Vial 1/3. Combined vial and sample weight of 61.02g with cap on. Empty vial weight with cap on 25.82g=35.20g.										

Number	Reagent Name	Exp Date	
11	Carbon Filter Water	1/1/2023	35mL
14206	pH-indicator Strips 0-14 HC160347	8/26/2026	
14543	Hexane EB754	6/4/2023	2mL
14729	Laboratory Fortified Blank Sample Concentrate	2/6/2023	14uL,3
14776	4ML, Amber Vial, 20220118	1/18/2023	
14853	40 mL Clear VOA Lot 00081943	2/8/2023	

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
NaCl 11/9/21(139	Baked Sodium Chloride	ALL	7g	6/15/2026
PH021622504Su	504.1 Surrogate (0.1ug/mL)MeOH	ALL Except CKs	35uL	3/20/2023
PH011122504C2	504.1 Cal Stock 2(0.07ug/mL) MeO	CK3	50uL	2/12/2023
PH011122504C3	504.1 Cal Stock 3(0.7ug/mL) MeO	CK5	20uL	2/12/2023

# PREP BATCH REPORT

Prep Code: **PRP-8011-W**  
 Prep Batch **164181** Prep Temp: **NA °C**

Technician: **Carry L Tran**  
 Batch Units: **ML**

Prep Start Date: **3/3/2022 11:27:43 AM**  
 Prep End Date: **3/3/2022 1:58:00 PM**

Sample ID	Matrix	pH	Initial Samp Amt	Sol Added	Sol Recovered	Final Vol (mL)	Factor	Balance	Prep Start Date	Prep End Date
B22021763-020A	Trip Blank	1	35	0	0	2.0	0.056	Bal #25	3/3/2022	3/3/2022
Vial 1/2. Combined vial and sample weight of 61.05g with cap on. Empty vial weight with cap on 25.64g=35.41g.										
B22030187-001B	Aqueous	6	35	0	0	2.0	0.057	Bal #25	3/3/2022	3/3/2022
Vial 1/2. Combined vial and sample weight of 64.77g with cap on. Empty vial weight with cap on 29.81g=34.96g.										
B22030187-002C	Aqueous	2	35	0	0	2.0	0.058	Bal #25	3/3/2022	3/3/2022
Vial 1/2. Combined vial and sample weight of 64.45g with cap on. Empty vial weight with cap on 29.75g=34.70g.										
B22010745-009A	Trip Blank	6	35	0	0	2.0	0.058	Bal #25	3/3/2022	3/3/2022
Vial 1/2. Combined vial and sample weight of 63.83g with cap on. Empty vial weight with cap on 29.27g=34.56g.										

Number	Reagent Name	Exp Date	
11	Carbon Filter Water	1/1/2023	35mL
14206	pH-indicator Strips 0-14 HC160347	8/26/2026	
14543	Hexane EB754	6/4/2023	2mL
14729	Laboratory Fortified Blank Sample Concentrate	2/6/2023	14uL,3
14776	4mL, Amber Vial, 20220118	1/18/2023	
14853	40 mL Clear VOA Lot 00081943	2/8/2023	

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
NaCl 11/9/21(139	Baked Sodium Chloride	ALL	7g	6/15/2026
PH021622504Su	504.1 Surrogate (0.1ug/mL)MeOH	ALL Except CKs	35uL	3/20/2023
PH011122504C2	504.1 Cal Stock 2(0.07ug/mL) MeO	CK3	50uL	2/12/2023
PH011122504C3	504.1 Cal Stock 3(0.7ug/mL) MeO	CK5	20uL	2/12/2023



# Energy Laboratories Inc

# ANALYTICAL RUN Summary

11-Mar-22

Run ID GECD.I\_220303A

<b>Run Start Date:</b> 3/3/2022
<b>Analyst:</b> Carry L Tran
<b>Ical:</b>
<b>Column ID:</b> RTX-CLP_0.53
<b>Comments:</b>

Std ID	Std Name	Std Amount	Std Units	Samp Amount	Samp Units	SampType	Expiration Date
SeePrepRecord	Standards Tracked in Prep Batch						2/4/2050

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist				
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15067603	CK3-164181	PST-8011-W	CCV3	GECD.I\G030322\	3/3/2022 3:14:42	1	164181	3/3/2022 11:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.08977	0.08954558		0.1	0	0	0.0025835	0.01	0	90%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.0893	0.08907675		0.1	0	0	0.0056259	0.02	0	89%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist				
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15067604	MB-164181	PST-8011-W	MBLK	GECD.I\G030322\	3/3/2022 3:34:46	1	164181	3/3/2022 11:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025835	0.005	0	0%	0	0	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.08854	0.08831865		0.1	0	0	0.0056259	0.02	0	88%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist				
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15067605	LCS-164181	PST-8011-W	LCS-DOD	GECD.I\G030322\	3/3/2022 3:54:34	1	164181	3/3/2022 11:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.20546	0.20494635		0.25	0	0	0.0025835	0.01	0	82%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.08951	0.08928623		0.1	0	0	0.0056259	0.02	0	89%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15067606	LCS1-164181	PST-8011-W	LCS1	JECD.IG030322\	3/3/2022 4:14:27	1	164181	3/3/2022 11:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.09022	0.08999445		0.1	0	0	0.0025835	0.01	0	90%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.0886	0.0883785		0.1	0	0	0.0056259	0.02	0	88%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15067607	B22021763-004	PST-8011-W	SAMP	JECD.IG030322\	3/3/2022 4:54:26	1	164181	3/3/2022 11:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025835	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.09128	0.0910518		0.1	0	0	0.0056259	0.02	0	91%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15067608	B22021763-006	PST-8011-W	SAMP	JECD.IG030322\	3/3/2022 5:14:14	1	164181	3/3/2022 11:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.08728	0.0855344		0.099	0	0	0.0055272	0.02	0	86%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15067609	B22021763-009	PST-8011-W	SAMP	JECD.IG030322\	3/3/2022 5:34:05	1	164181	3/3/2022 11:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025835	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.08756	0.0873411		0.099	0	0	0.0056259	0.02	0	88%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15067610	B22021763-011	PST-8011-W	SAMP	JECD.IG030322\	3/3/2022 5:54:03	1	164181	3/3/2022 11:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.09313	0.0912674		0.099	0	0	0.0055272	0.02	0	92%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15067611	B22021763-014	PST-8011-W	SAMP	JECD.IG030322\	3/3/2022 6:13:48	1	164181	3/3/2022 11:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025835	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.0939	0.09366525		0.099	0	0	0.0056259	0.02	0	95%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15067612	B22021763-016	PST-8011-W	SAMP	JECD.IG030322\	3/3/2022 6:33:46	1	164181	3/3/2022 11:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025835	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.09628	0.0960393		0.099	0	0	0.0056259	0.02	0	97%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15067613	B22021763-020	PST-8011-W	SAMP	JECD.IG030322\	3/3/2022 6:53:41	1	164181	3/3/2022 11:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.09219	0.0903462		0.099	0	0	0.0055272	0.02	0	91%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15067614	B22021763-001	PST-8011-W	SAMP	JECD.IG030322\	3/3/2022 7:13:38	1	164181	3/3/2022 11:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025835	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.09176	0.0915306		0.1	0	0	0.0056259	0.02	0	92%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15067615	B22021763-001	PST-8011-W	MS-DOD	JECD.IG030322\	3/3/2022 7:33:27	1	164181	3/3/2022 11:	2E+07	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.22822	0.2236556		0.2475	0	0	0.0025382	0.01	0	90%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09404	0.0921592		0.099	0	0	0.0055272	0.02	0	93%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15067616	B22021763-001	PST-8011-W	MSD-DOD	JECD.I\G030322\	3/3/2022 7:53:15	1	164181	3/3/2022 11:	2E+07	2E+07						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.22788	0.2273103		0.25	0	0.2236556	0.0025835	0.01	0	91%	60	140	2%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09487	0.09463283		0.1	0	0	0.0056259	0.02	0	95%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15067617	CK5-164181	PST-8011-W	CCV4	JECD.I\G030322\	3/3/2022 8:32:56	1	164181	3/3/2022 11:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.38342	0.38246145		0.4	0	0	0.0025835	0.01	0	96%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.4127	0.41166825		0.4	0	0	0.0056259	0.02	0	103%	80	120	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15067618	B22010745-009	PST-8011-W	SAMP	JECD.I\G030322\	3/3/2022 9:12:48	1	164181	3/3/2022 11:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0026289	0.01015	0	0%	0	0	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09916	0.1006474		0.1	0	0	0.0057246	0.02	0	101%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15067619	B22030187-001	PST-8011-W	SAMP	JECD.I\G030322\	3/3/2022 9:32:49	1	164181	3/3/2022 11:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025835	0.01	0	0%	0	0	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.11837	0.11807408		0.1	0	0	0.0056259	0.02	0	118%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15067620	B22030187-002	PST-8011-W	SAMP	JECD.I\G030322\	3/3/2022 9:52:32	1	164181	3/3/2022 11:	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0026289	0.01015	0	0%	0	0	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.12751	0.12942265		0.1	0	0	0.0057246	0.02	0	129%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
15067621	CK3-164181	PST-8011-W	CCV1	JECD.IAG030322\	3/3/2022 10:32:1	1	164181	3/3/2022 11:	0	0						
1,2-Dibromoethane	A	ug/L	0.12819	0.12786953		0.1	0	0	0.0025835	0.01	0	128%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.1084	0.108129		0.1	0	0	0.0056259	0.02	0	108%	70	130	0%	

Write Sequence

Insert Entries(Have the first cell for

**Data File**

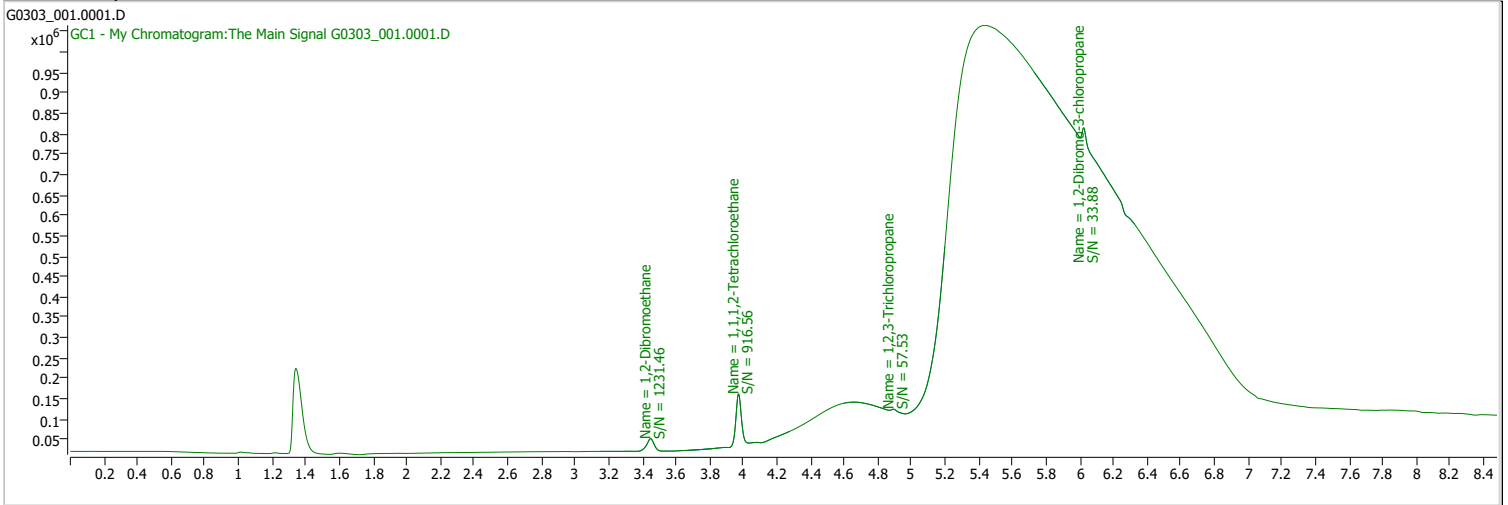
**Sample Name**

G:\org\GECD.i\G030322.b\G0303_001	8011Primer ;0.2ug/L\$PST-8011-W,C4
G:\org\GECD.i\G030322.b\G0303_002	8011Primer ;0.2ug/L\$PST-8011-W,C4
G:\org\GECD.i\G030322.b\G0303_003	8011Primer ;0.1ug/L\$PST-8011-W,C3
G:\org\GECD.i\G030322.b\G0303_004	8011Primer ;0.1ug/L\$PST-8011-W,C3
G:\org\GECD.i\G030322.b\G0303_005	8011Primer ;0.2ug/L\$PST-8011-W,C4
G:\org\GECD.i\G030322.b\G0303_006	Hexane ;
G:\org\GECD.i\G030322.b\G0303_007	CK3-164181 ;
G:\org\GECD.i\G030322.b\G0303_008	MB-164181 ;
G:\org\GECD.i\G030322.b\G0303_009	LCS-164181 ;
G:\org\GECD.i\G030322.b\G0303_010	LCS1-164181 ;
G:\org\GECD.i\G030322.b\G0303_011	Hexane;;
G:\org\GECD.i\G030322.b\G0303_012	B22021763-004A ;\$PST-8011-W,
G:\org\GECD.i\G030322.b\G0303_013	B22021763-006H ;\$PST-8011-W,
G:\org\GECD.i\G030322.b\G0303_014	B22021763-009A ;\$PST-8011-W,
G:\org\GECD.i\G030322.b\G0303_015	B22021763-011H ;\$PST-8011-W,
G:\org\GECD.i\G030322.b\G0303_016	B22021763-014A ;\$PST-8011-W,
G:\org\GECD.i\G030322.b\G0303_017	B22021763-016H ;\$PST-8011-W,
G:\org\GECD.i\G030322.b\G0303_018	B22021763-020A ;\$PST-8011-W,
G:\org\GECD.i\G030322.b\G0303_019	B22021763-001H ;\$PST-8011-W,
G:\org\GECD.i\G030322.b\G0303_020	B22021763-001HMS ;\$PST-8011-W,
G:\org\GECD.i\G030322.b\G0303_021	B22021763-001HMSD ;\$PST-8011-W,
G:\org\GECD.i\G030322.b\G0303_022	Hexane;;
G:\org\GECD.i\G030322.b\G0303_023	CK5-164181 ;
G:\org\GECD.i\G030322.b\G0303_024	Hexane;;
G:\org\GECD.i\G030322.b\G0303_025	B22010745-009A ;\$PST-8011-W,
G:\org\GECD.i\G030322.b\G0303_026	B22030187-001B ;\$PST-8011-W,
G:\org\GECD.i\G030322.b\G0303_027	B22030187-002C ;\$PST-8011-W,
G:\org\GECD.i\G030322.b\G0303_028	Hexane;;
G:\org\GECD.i\G030322.b\G0303_029	CK3-164181 ;
G:\org\GECD.i\G030322.b\G0303_030	
G:\org\GECD.i\G030322.b\G0303_031	
G:\org\GECD.i\G030322.b\G0303_032	
G:\org\GECD.i\G030322.b\G0303_033	
G:\org\GECD.i\G030322.b\G0303_034	
G:\org\GECD.i\G030322.b\G0303_035	
G:\org\GECD.i\G030322.b\G0303_036	
G:\org\GECD.i\G030322.b\G0303_037	
G:\org\GECD.i\G030322.b\G0303_038	
G:\org\GECD.i\G030322.b\G0303_039	
G:\org\GECD.i\G030322.b\G0303_040	
G:\org\GECD.i\G030322.b\G0303_041	
G:\org\GECD.i\G030322.b\G0303_042	
G:\org\GECD.i\G030322.b\G0303_043	

# Quantitation Results Report (QT Reviewed)

Data File	G0303_001.0001.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/3/2022 1:16:06 PM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G030322_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

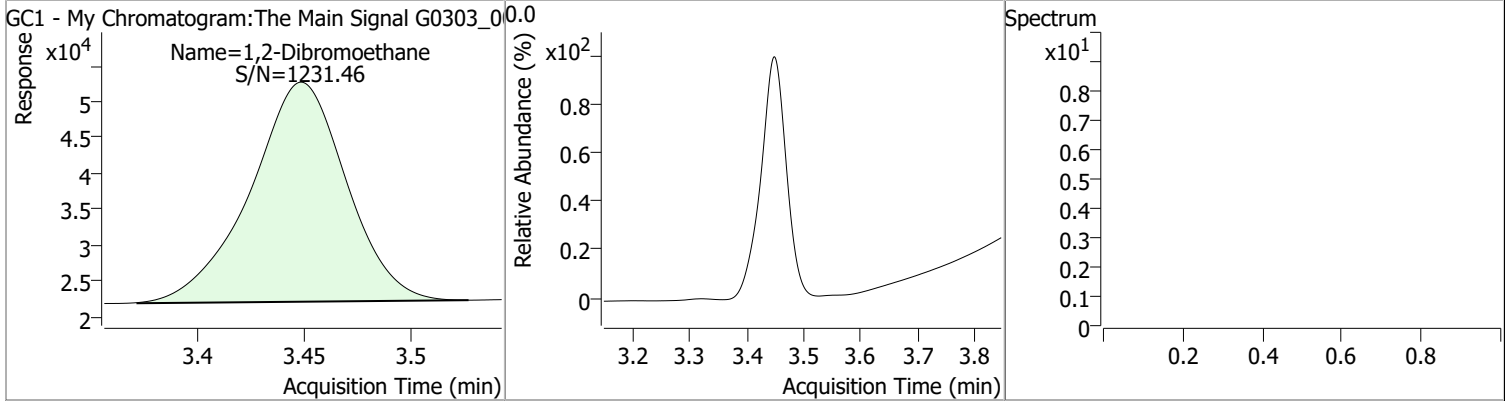


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.972	0.0	283591	0.7566	µg/L	-0.001
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 756.59%	*	
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.448	0.0	95318	0.6227	µg/L	QValue 100

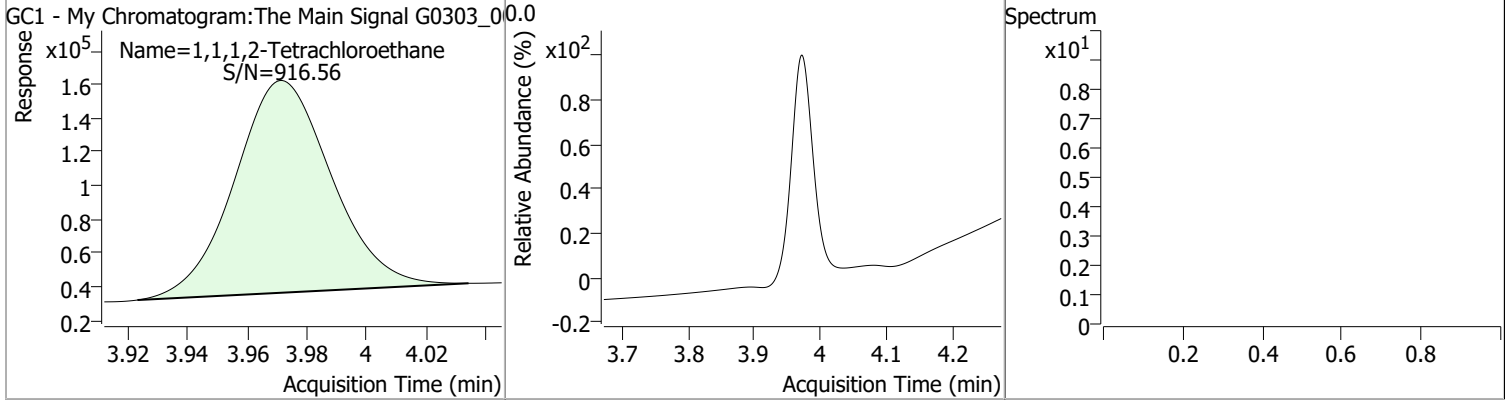
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.6227	3.45	0.00	95318				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.7566	3.97	0.00	283591				

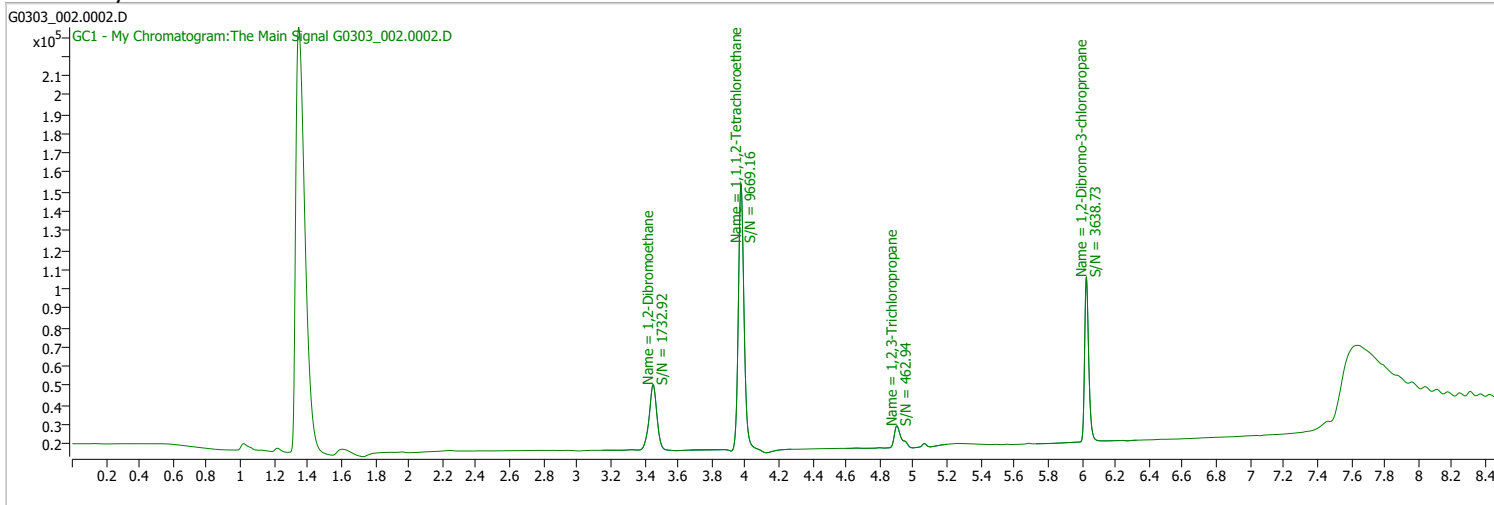




# Quantitation Results Report (QT Reviewed)

Data File	G0303_002.0002.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/3/2022 1:35:29 PM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G030322_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

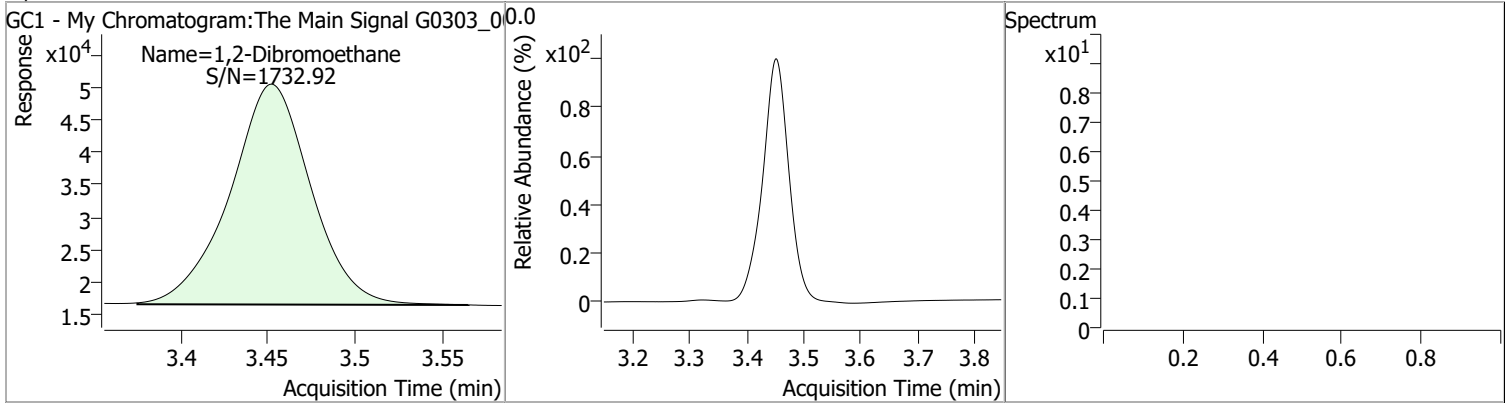


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.974	0.0	331714	0.8747	µg/L	0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 874.67% *		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.452	0.0	109480	0.7290	µg/L	QValue 100

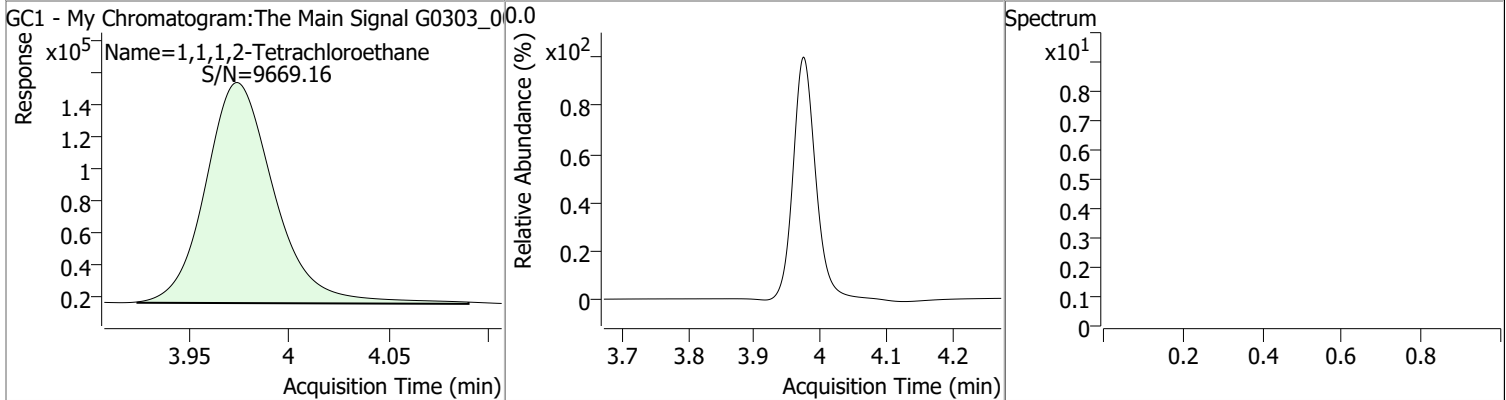
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.7290	3.45	0.00	109480				



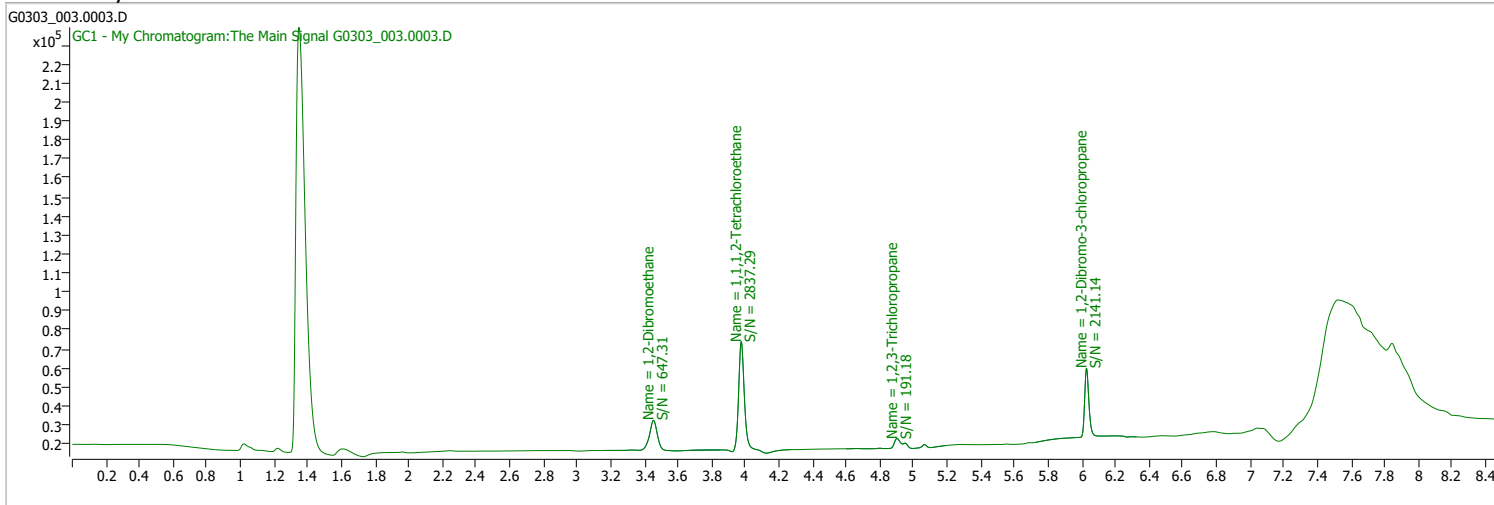
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.8747	3.97	0.00	331714				



# Quantitation Results Report (QT Reviewed)

Data File	G0303_003.0003.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/3/2022 1:55:26 PM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G030322_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

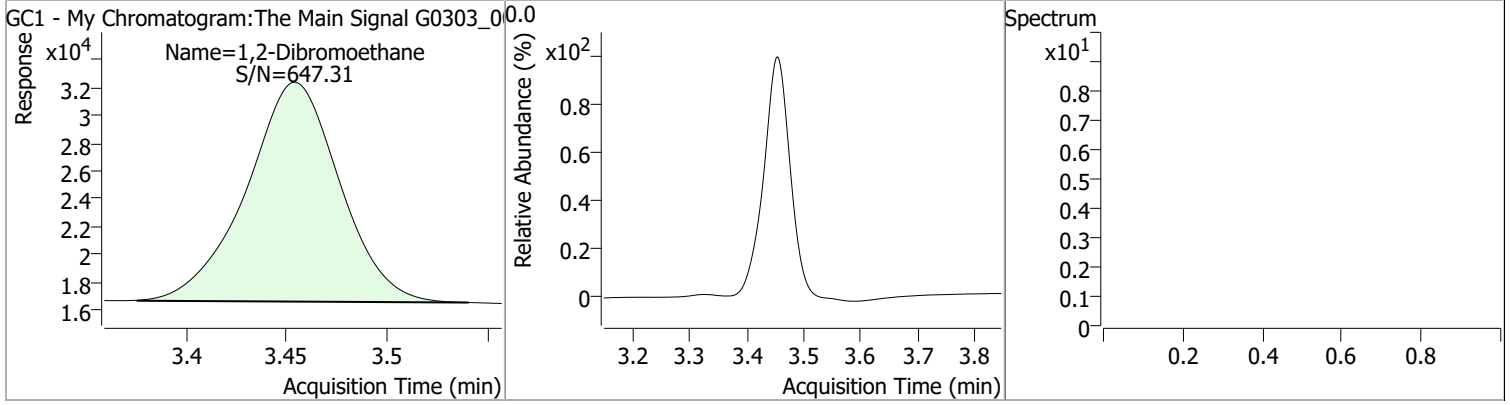


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.976	0.0	144946	0.4025	µg/L	0.003
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 402.47%	*	
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.454	0.0	51035	0.3162	µg/L	QValue 100

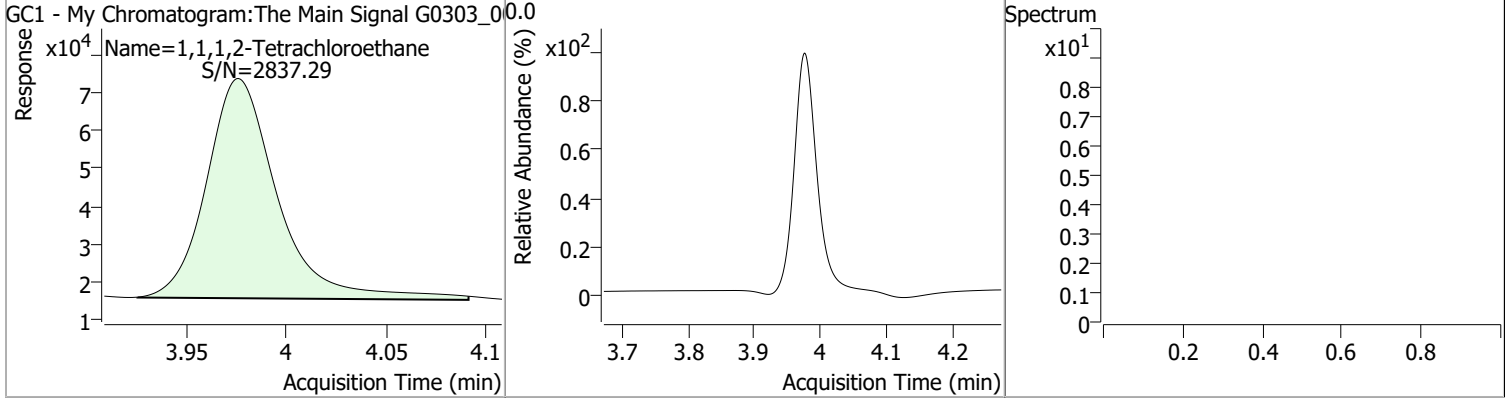
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.3162	3.45	0.01	51035				



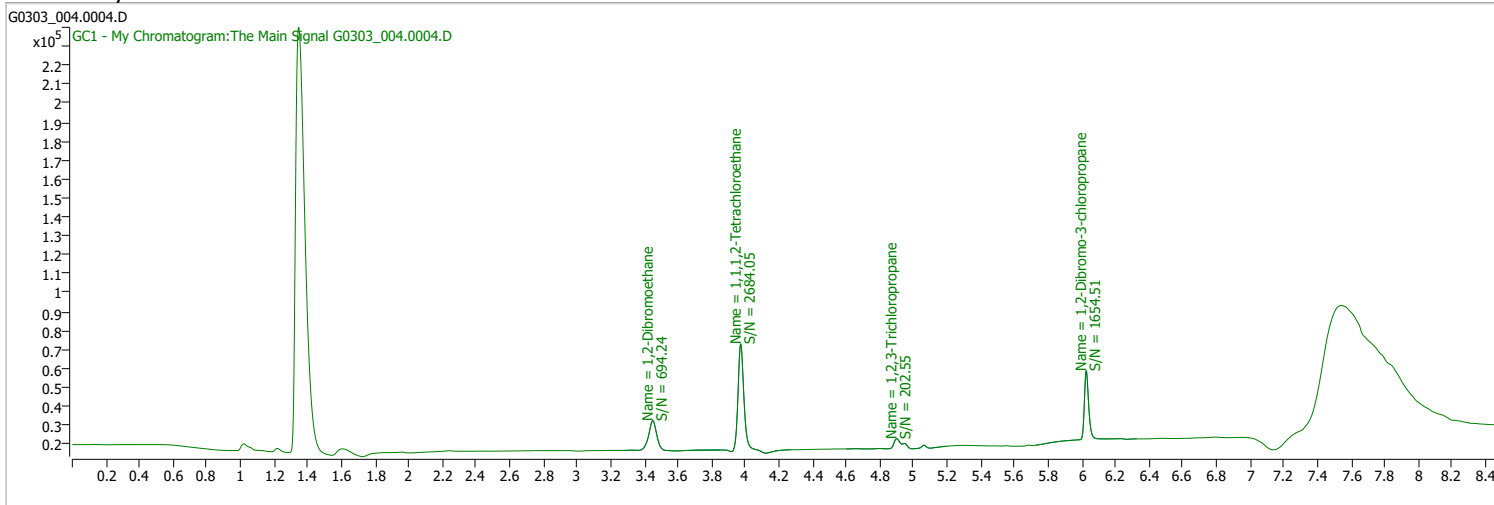
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.4025	3.98	0.00	144946				



# Quantitation Results Report (QT Reviewed)

Data File	G0303_004.0004.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/3/2022 2:15:12 PM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G030322_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

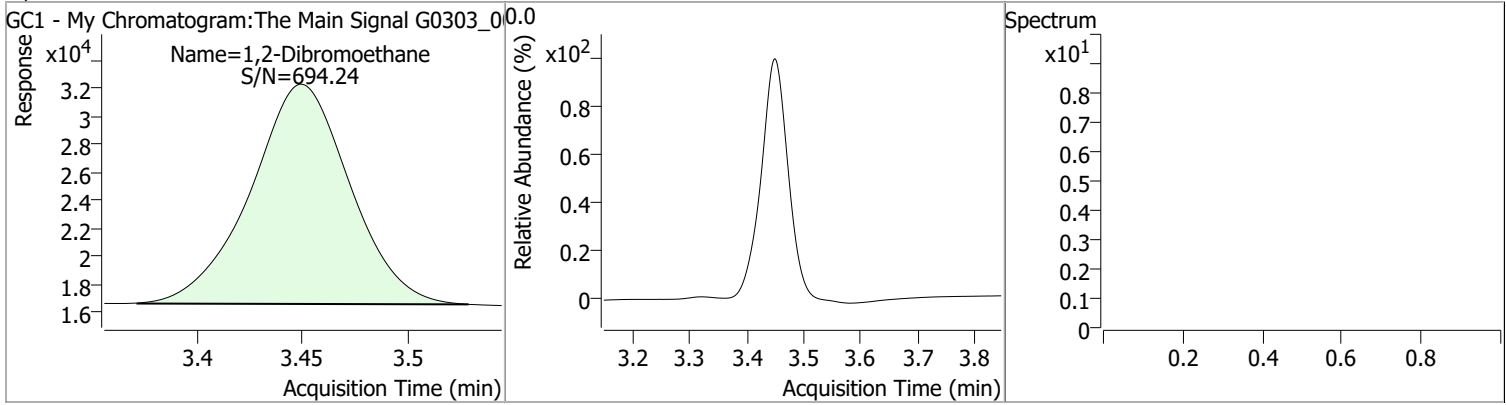


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.973	0.0	145868	0.4049	µg/L	0.000
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 404.90%	*	
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.449	0.0	51684	0.3204	µg/L	QValue 100

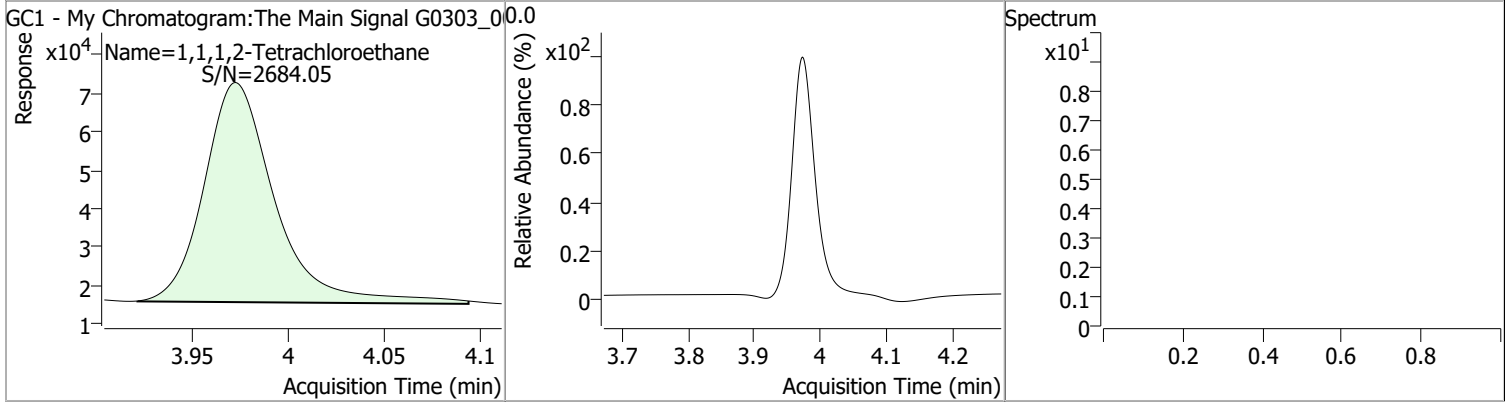
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.3204	3.45	0.00	51684				



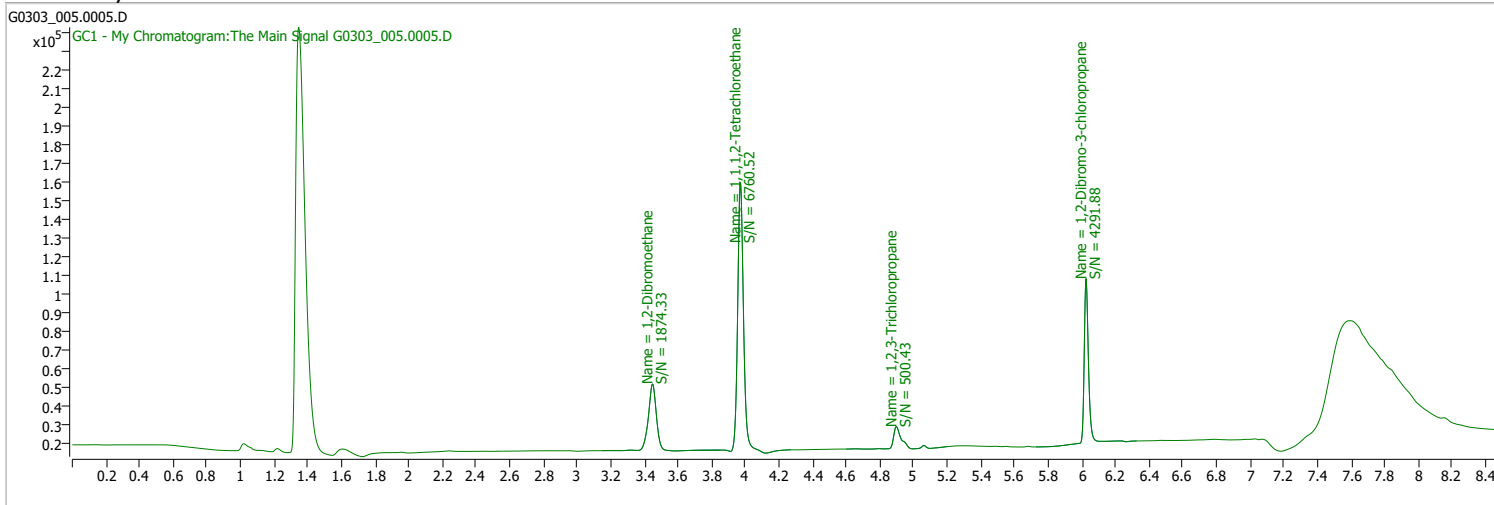
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.4049	3.97	0.00	145868				



# Quantitation Results Report (QT Reviewed)

Data File	G0303_005.0005.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/3/2022 2:35:10 PM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G030322_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

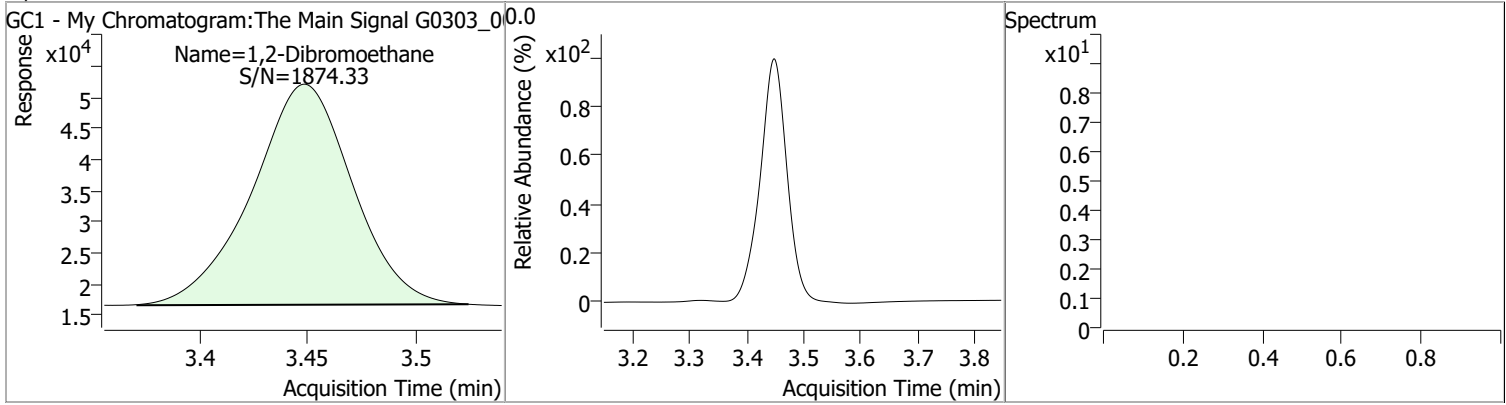


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.971	0.0	347421	0.9127	µg/L	-0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 912.72%	*	
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.448	0.0	115035	0.7720	µg/L	QValue 100

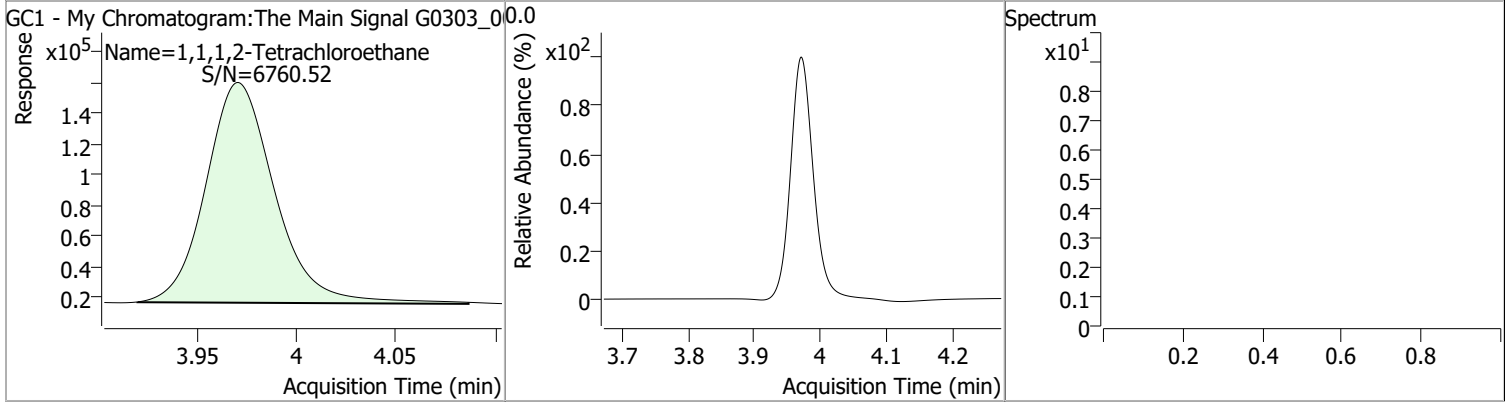
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.7720	3.45	0.00	115035				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.9127	3.97	0.00	347421				

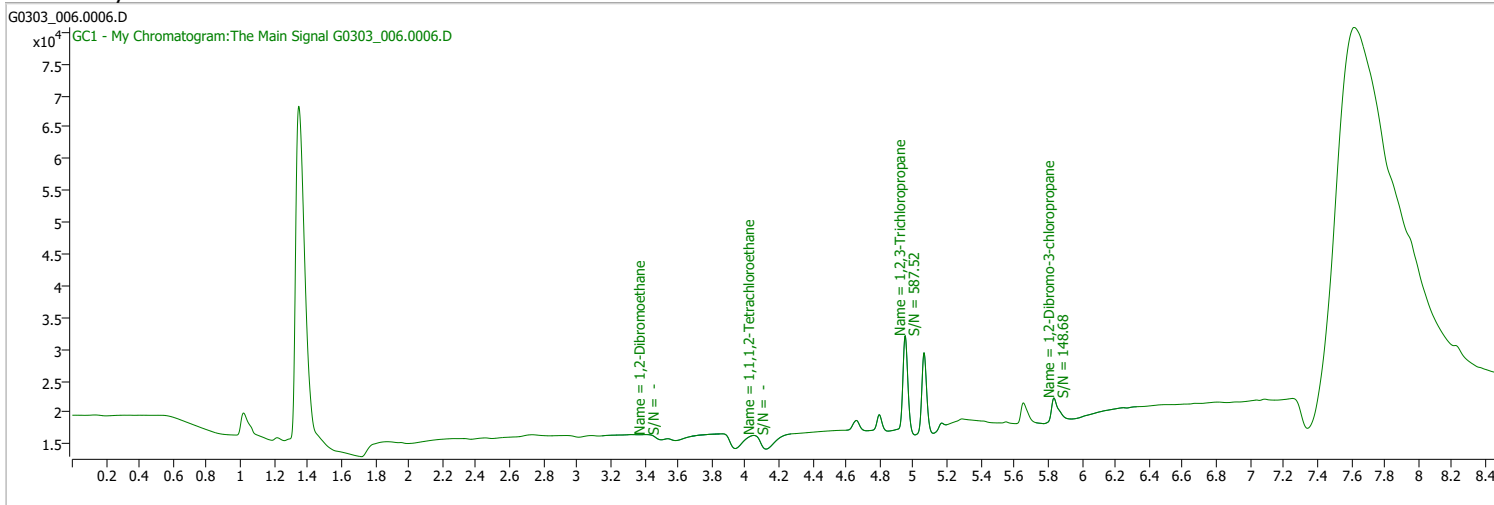




# Quantitation Results Report (QT Reviewed)

Data File	G0303_006.0006.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/3/2022 2:55:05 PM
Sample Name	Hexane	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G030322_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

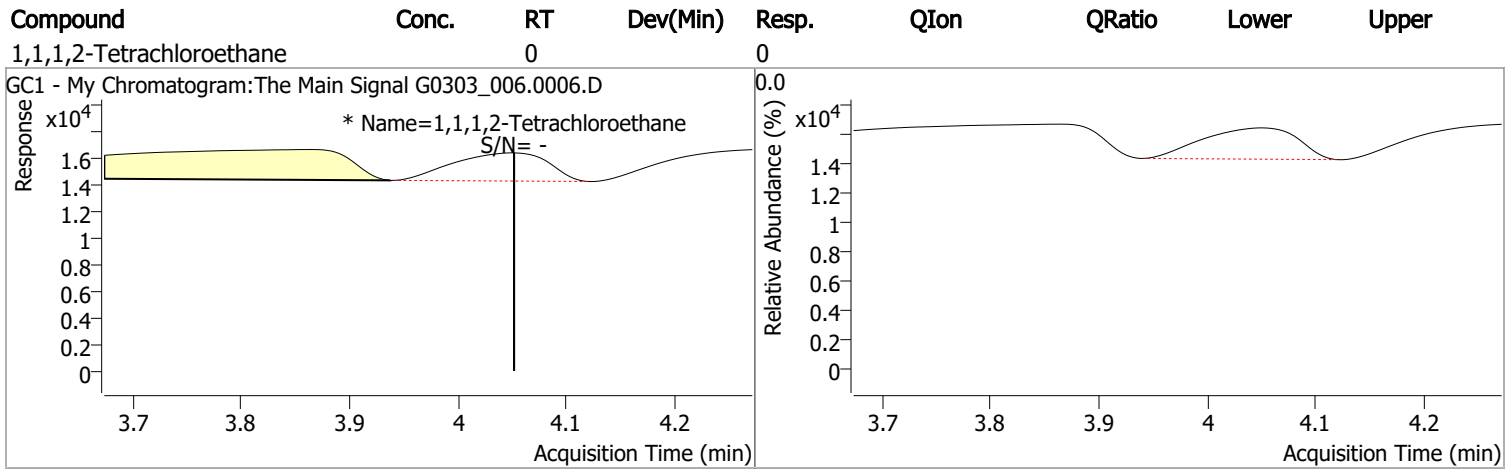
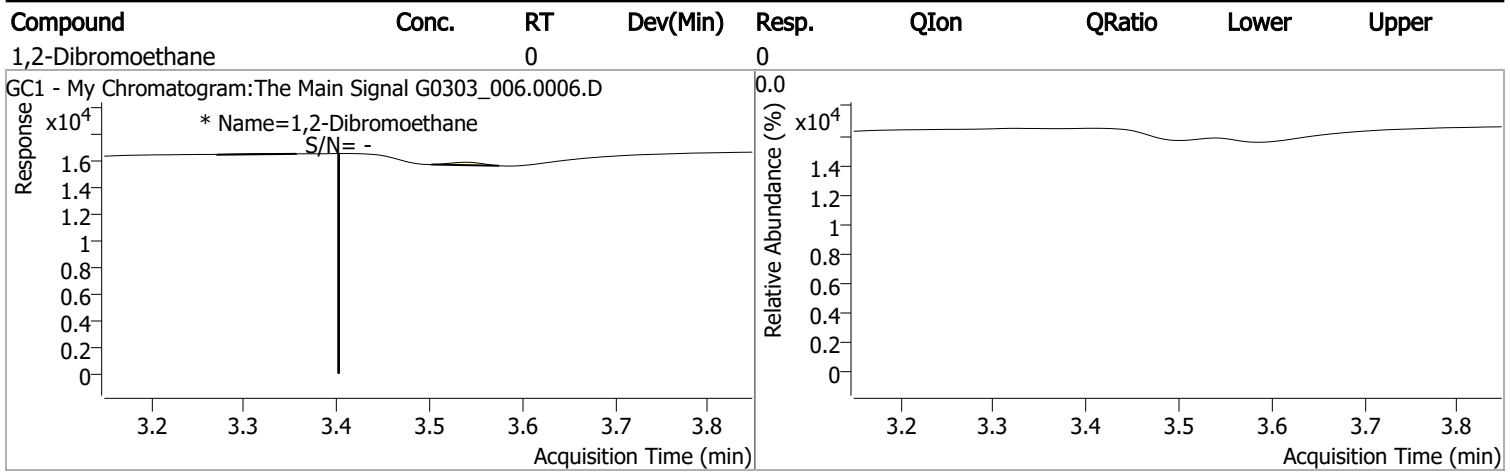
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	4.052	0.0	0		µg/L	md
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = NA%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.402	0.0	0		µg/L	md
						<b>QValue</b>
						1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

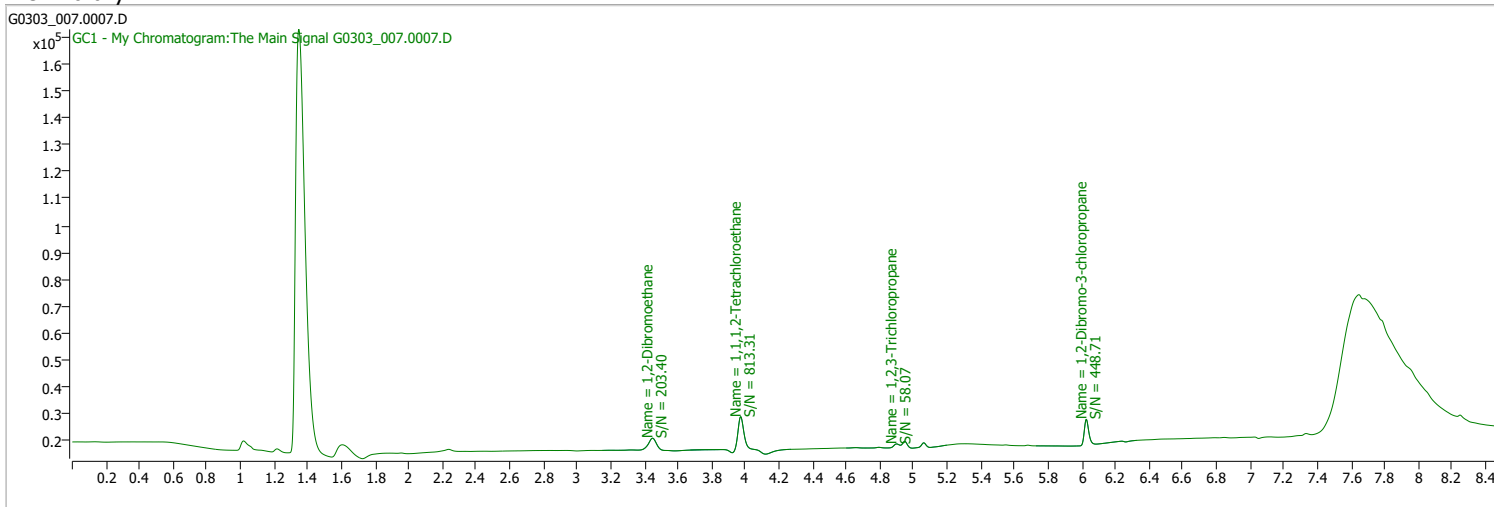
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0303_007.0007.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/3/2022 3:14:42 PM
Sample Name	CK3-164181	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G030322_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

**System Monitoring Compounds**

S 1,1,1,2-Tetrachloroethane	3.973	0.0	29425	0.0893	µg/L	m	0.000
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 89.30%			

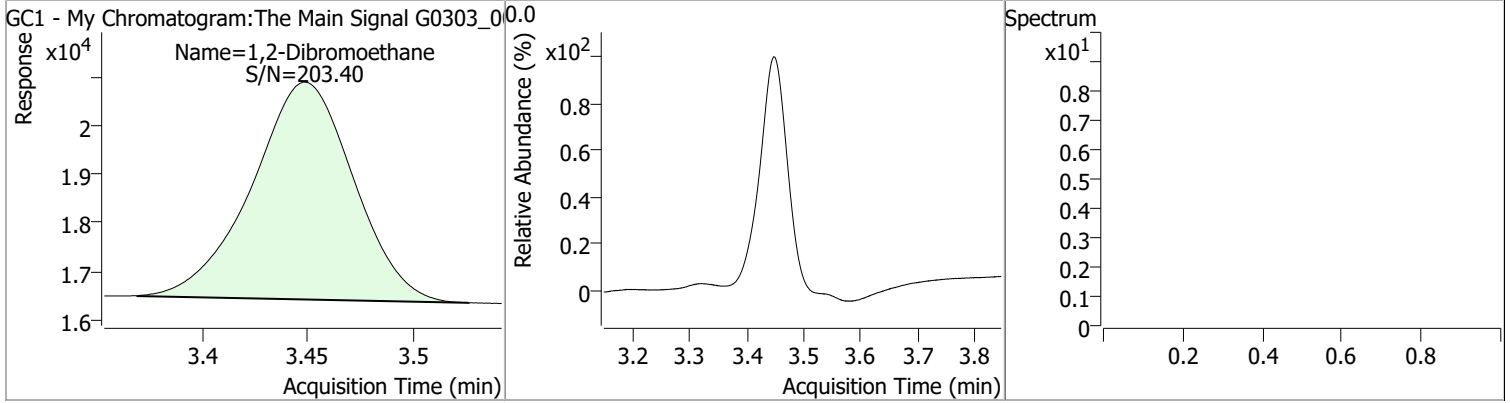
**Target Compounds**

M 1,2-Dibromoethane	3.448	0.0	15042	0.0898	µg/L		<b>QValue</b> 100
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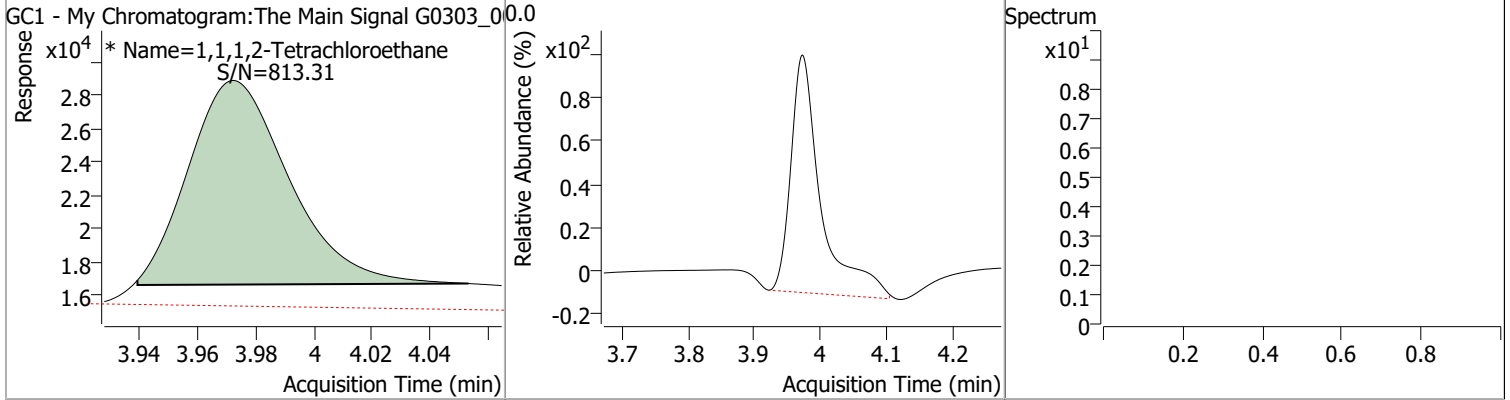
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.0898	3.45	0.00	15042				



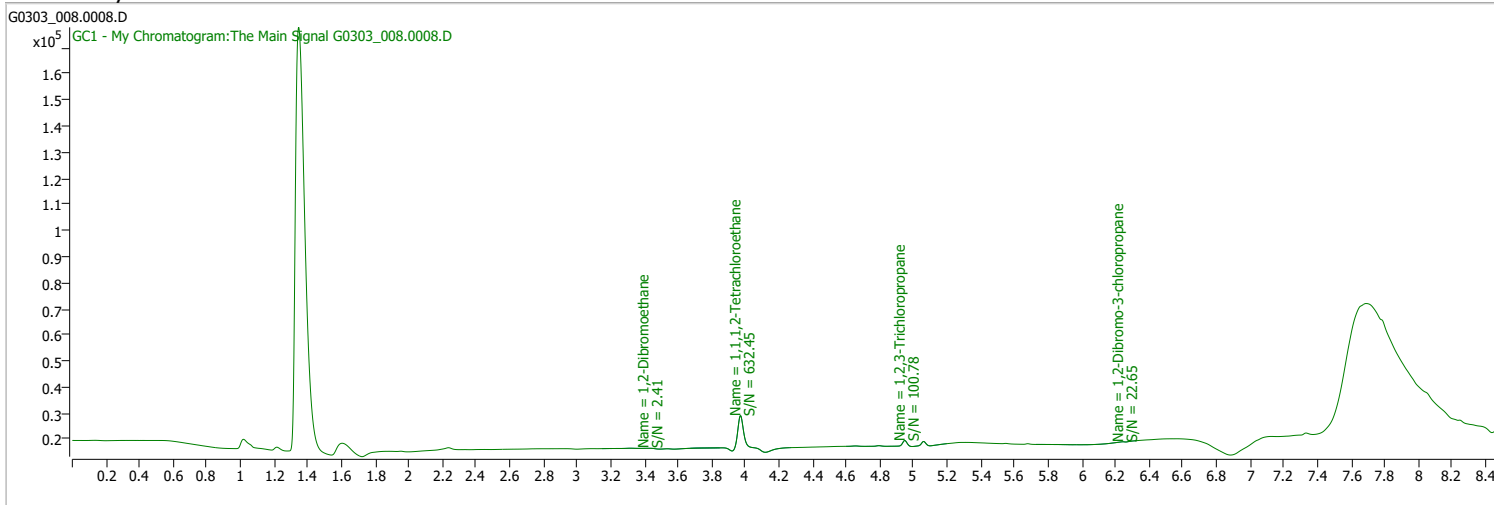
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0893	3.97	0.00	29425 (m)				



# Quantitation Results Report (QT Reviewed)

Data File	G0303_008.0008.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/3/2022 3:34:46 PM
Sample Name	MB-164181	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G030322_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

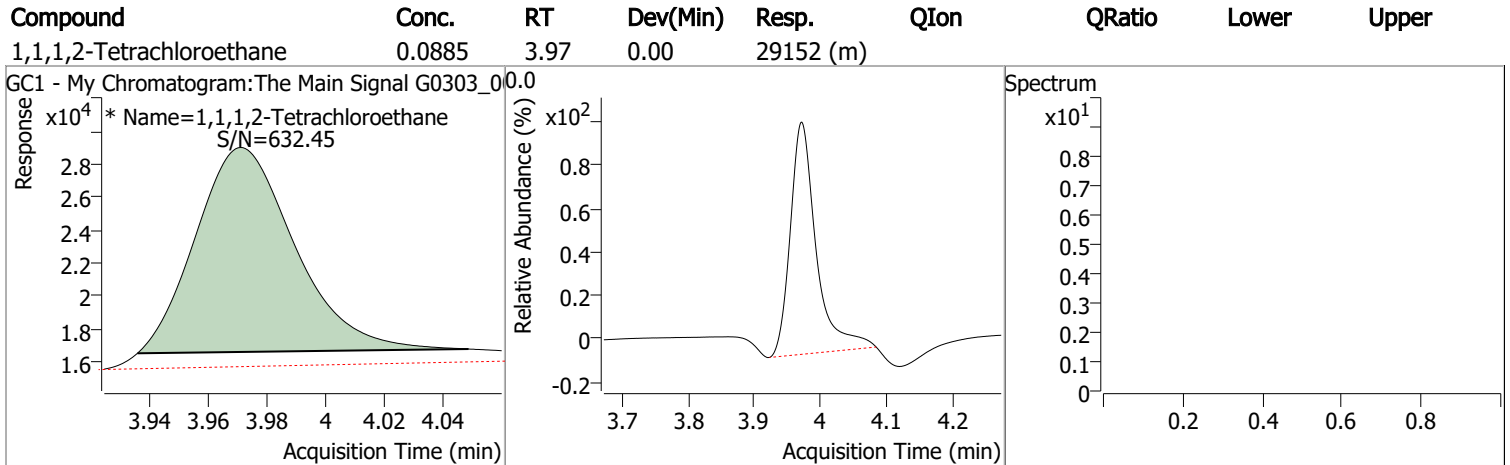
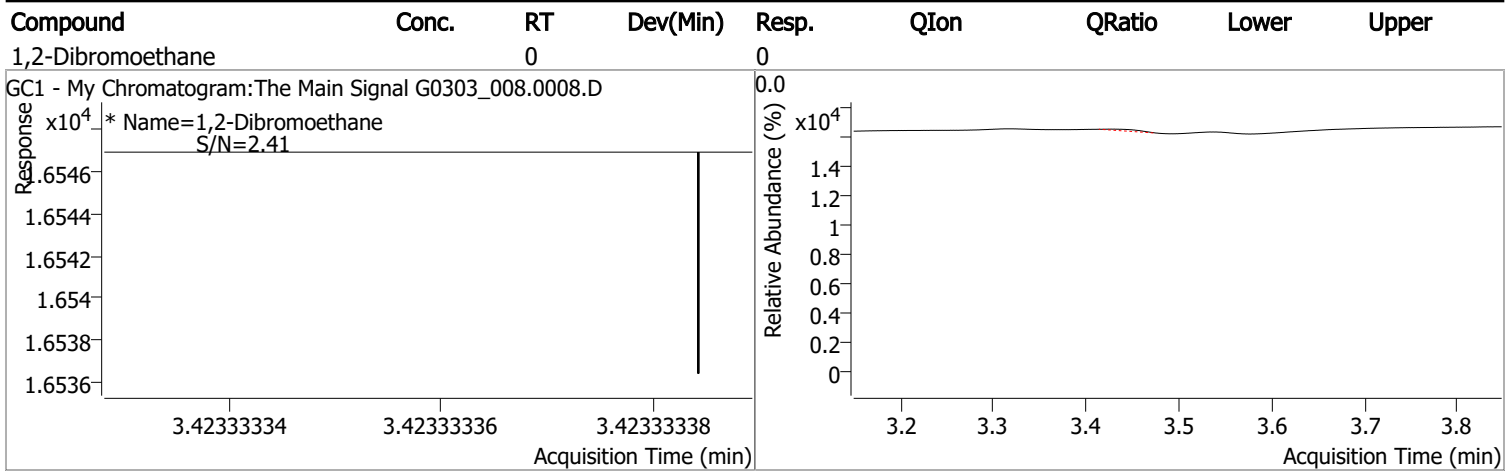
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.971	0.0	29152	0.0885	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 88.54%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.423	0.0	0		µg/L	md
						<b>QValue</b> 1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

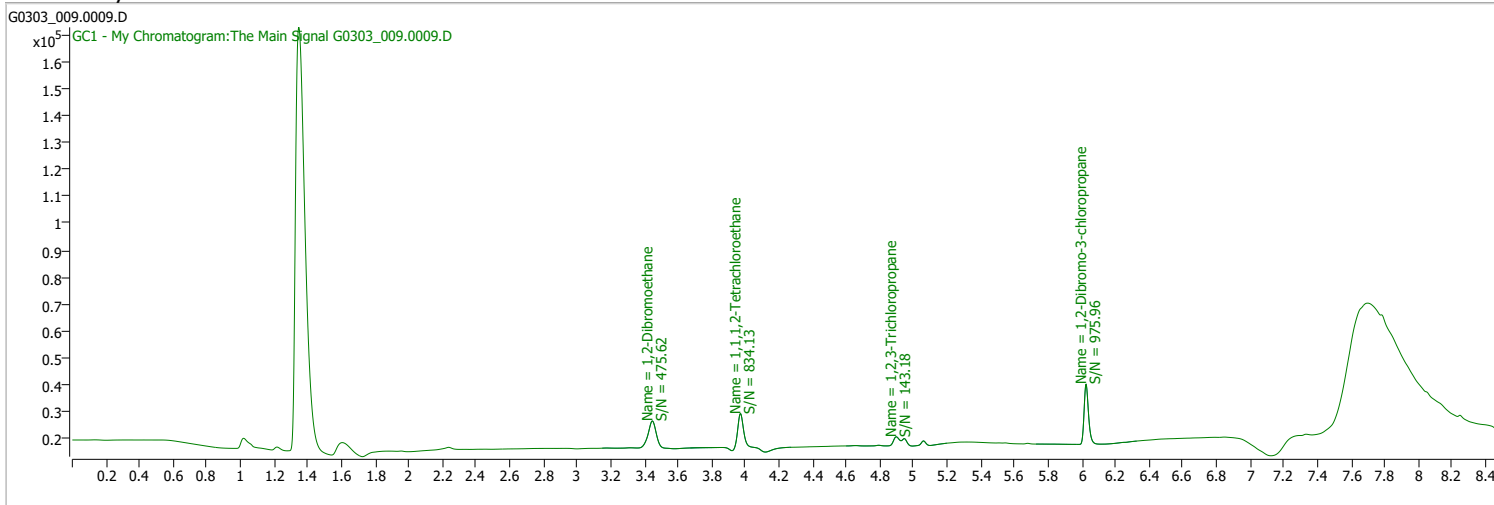
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0303_009.0009.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/3/2022 3:54:34 PM
Sample Name	LCS-164181	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G030322_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

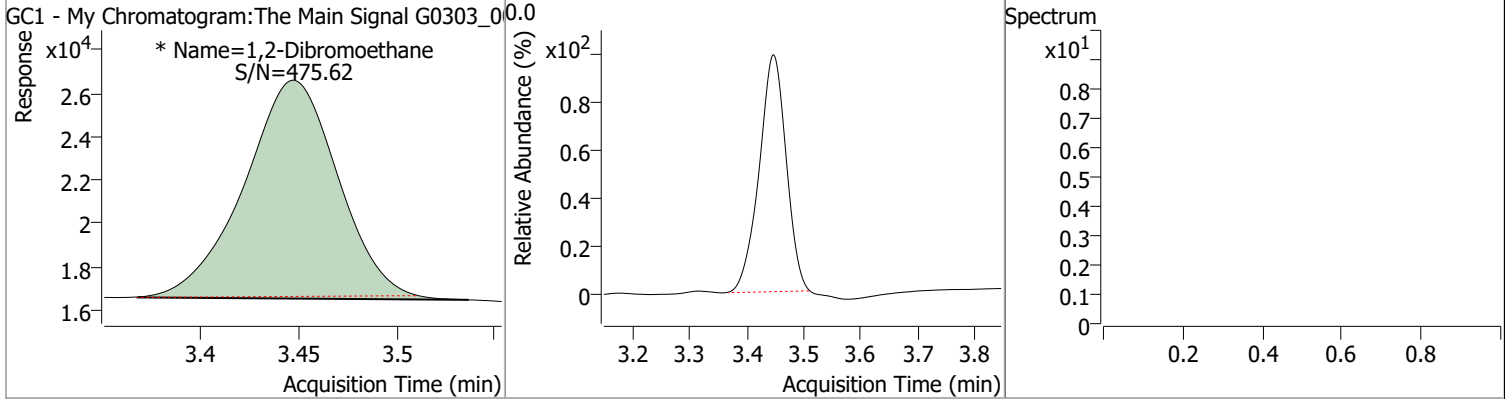


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.971	0.0	29499	0.0895	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 89.51%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.448	0.0	33780	0.2055	µg/L	m
						<b>QValue</b> 100

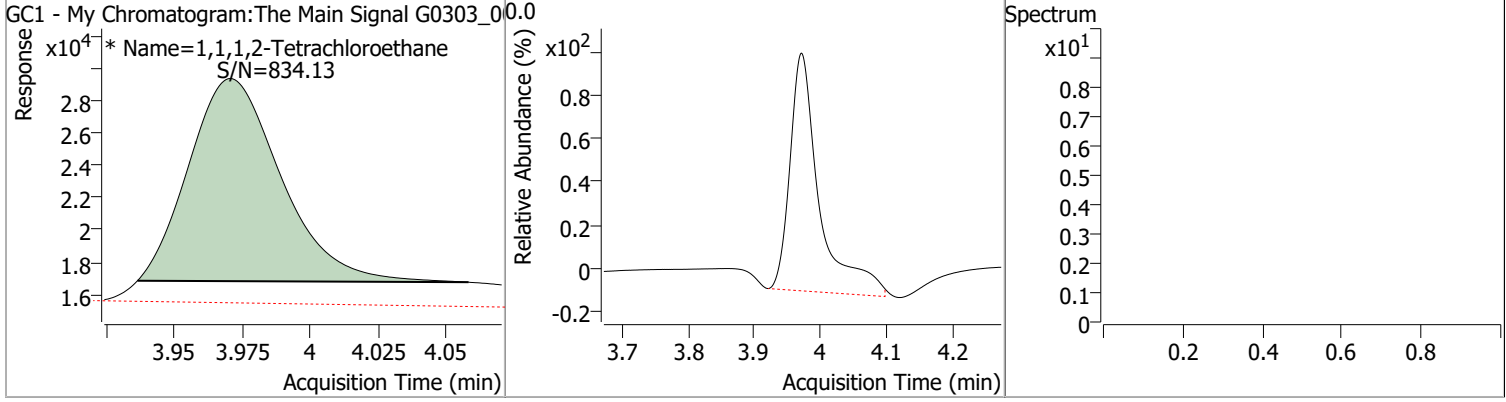
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.2055	3.45	0.00	33780 (m)				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0895	3.97	0.00	29499 (m)				

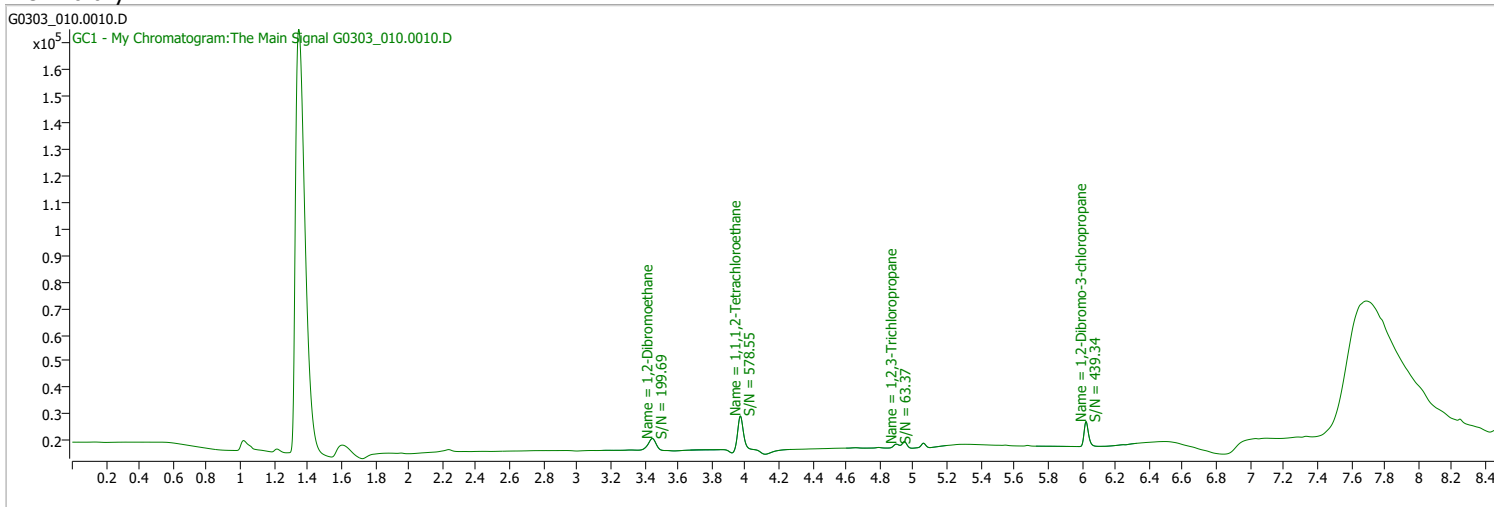




# Quantitation Results Report (QT Reviewed)

Data File	G0303_010.0010.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/3/2022 4:14:27 PM
Sample Name	LCS1-164181	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G030322_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

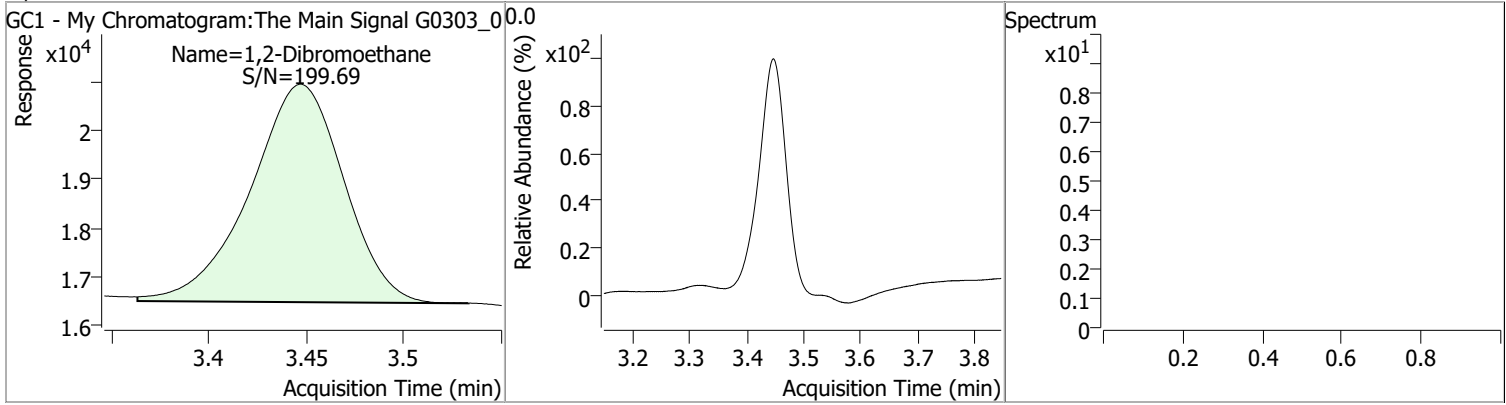


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.970	0.0	29171	0.0886	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 88.60%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.448	0.0	15117	0.0902	µg/L	QValue 100

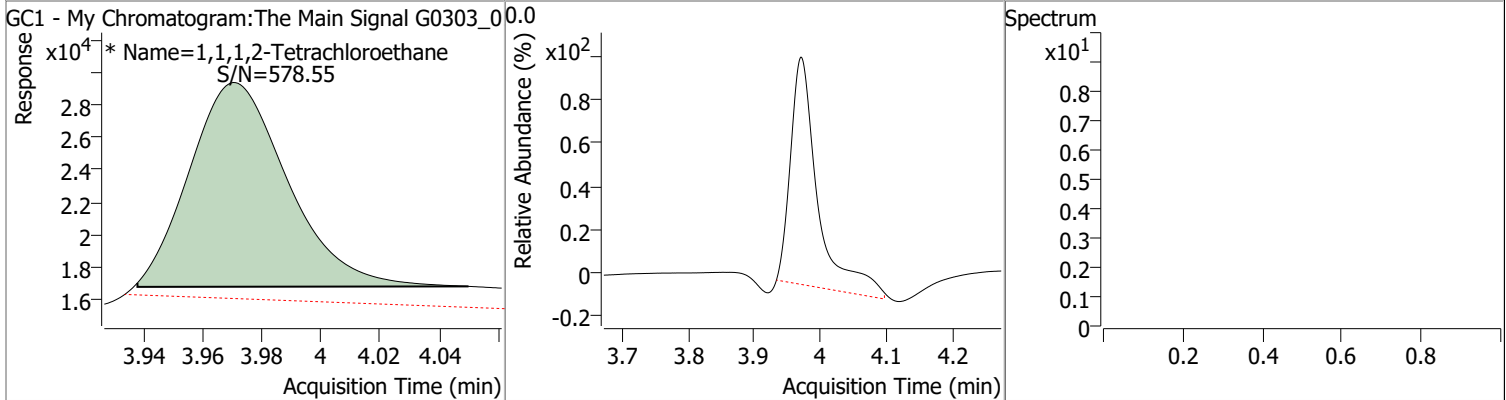
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.0902	3.45	0.00	15117				



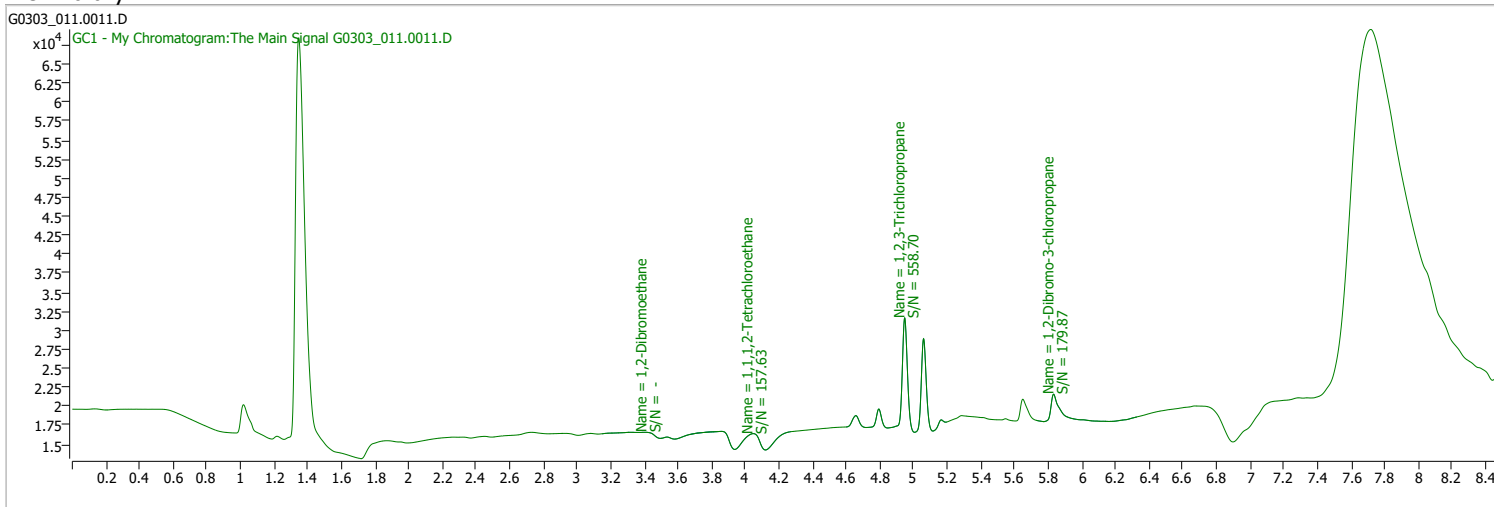
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0886	3.97	0.00	29171 (m)				



# Quantitation Results Report (QT Reviewed)

Data File	G0303_011.0011.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/3/2022 4:34:26 PM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G030322_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

**System Monitoring Compounds**

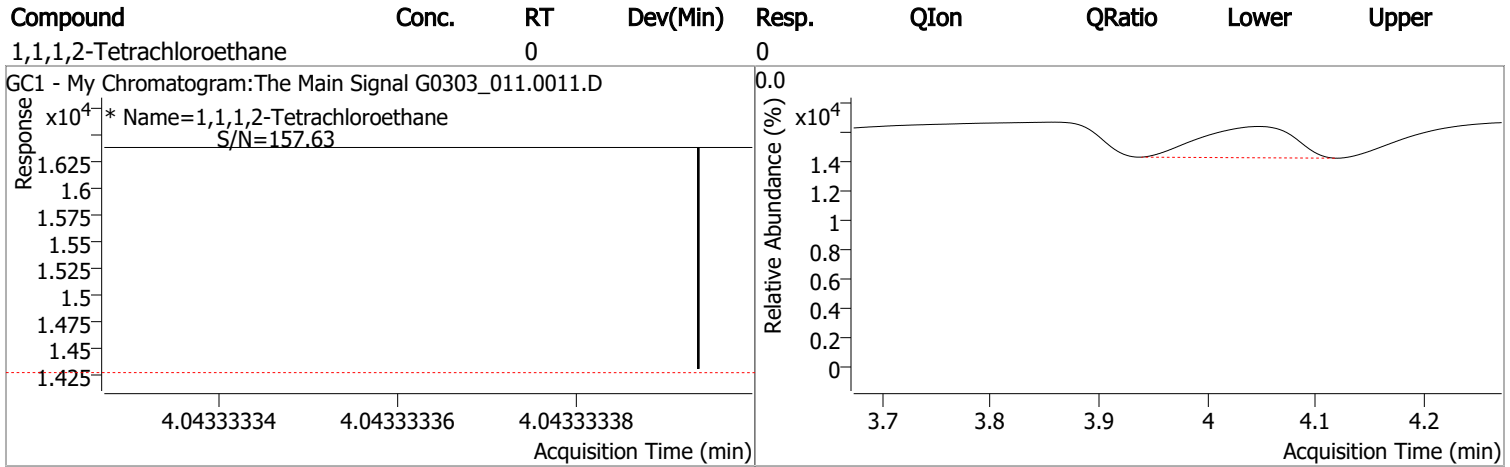
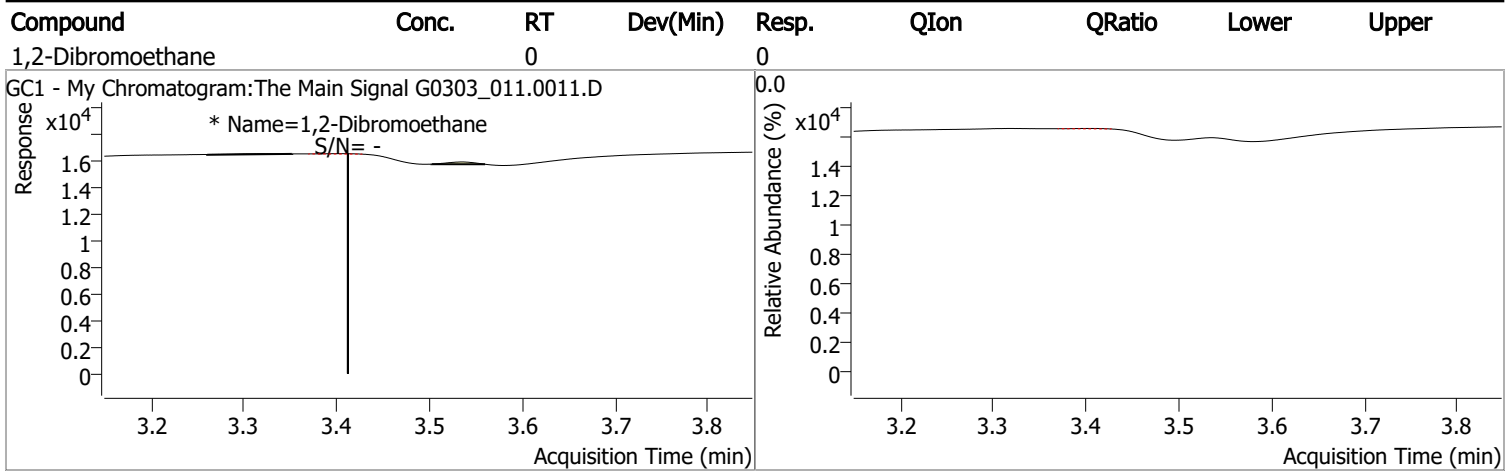
S 1,1,1,2-Tetrachloroethane	4.043	0.0	0		µg/L	md	0.071
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%			

**Target Compounds**

M 1,2-Dibromoethane	3.412	0.0	0		µg/L	md	<b>QValue</b> 1
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(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

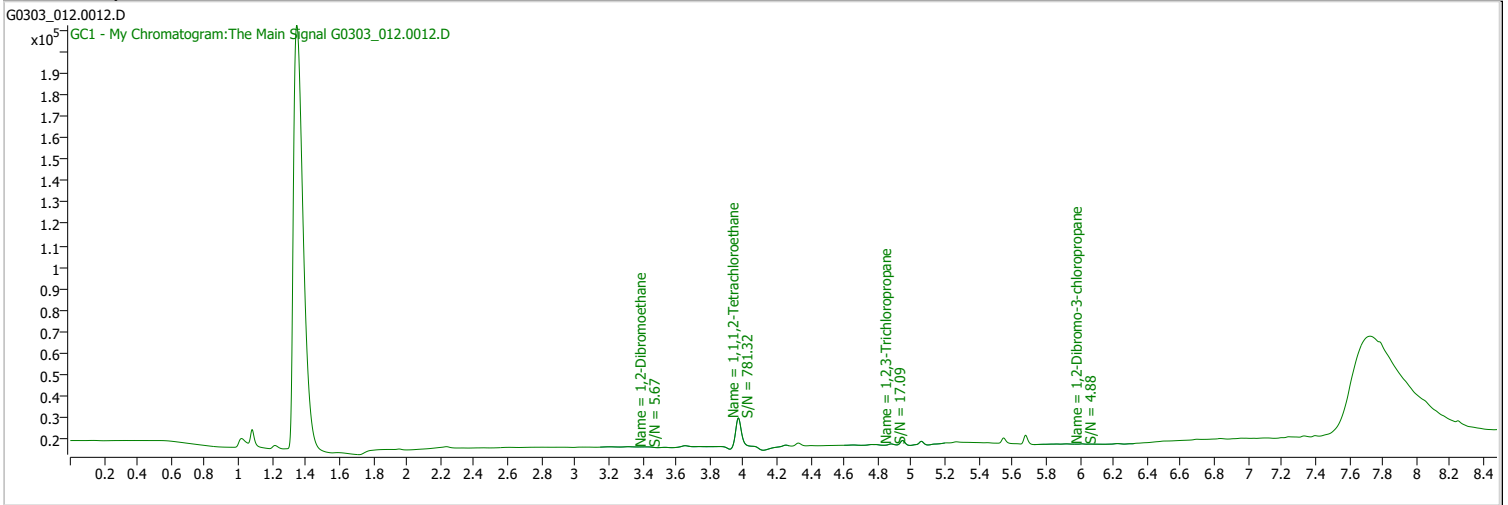
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0303_012.0012.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/3/2022 4:54:26 PM
Sample Name	B22021763-004A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G030322_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

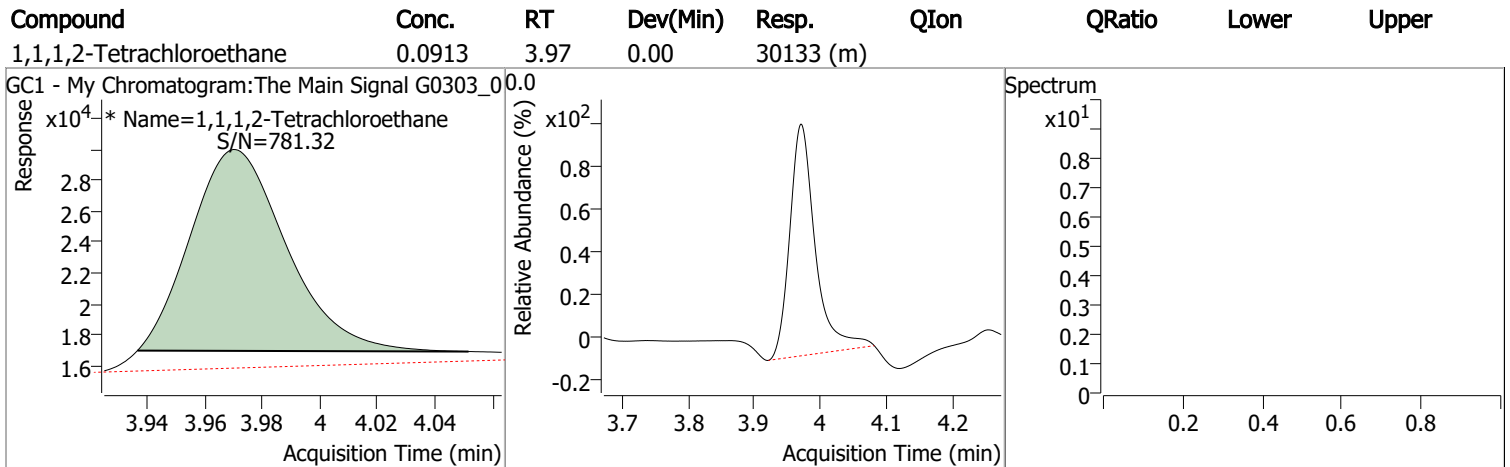
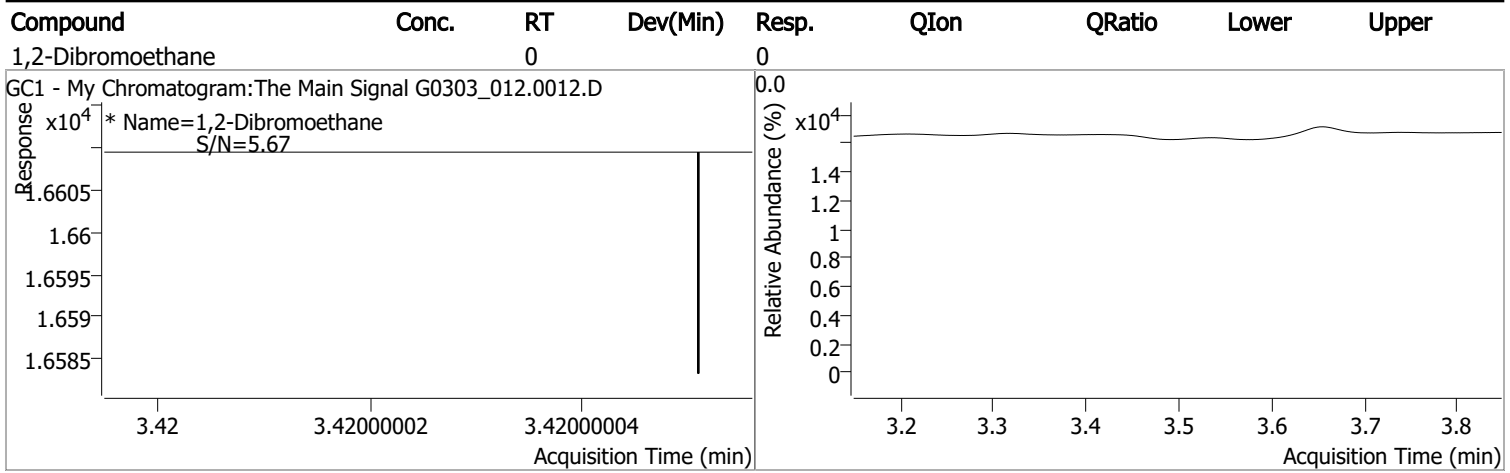
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.970	0.0	30133	0.0913	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 91.28%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.420	0.0	0		µg/L	md
						<b>QValue</b>
						1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

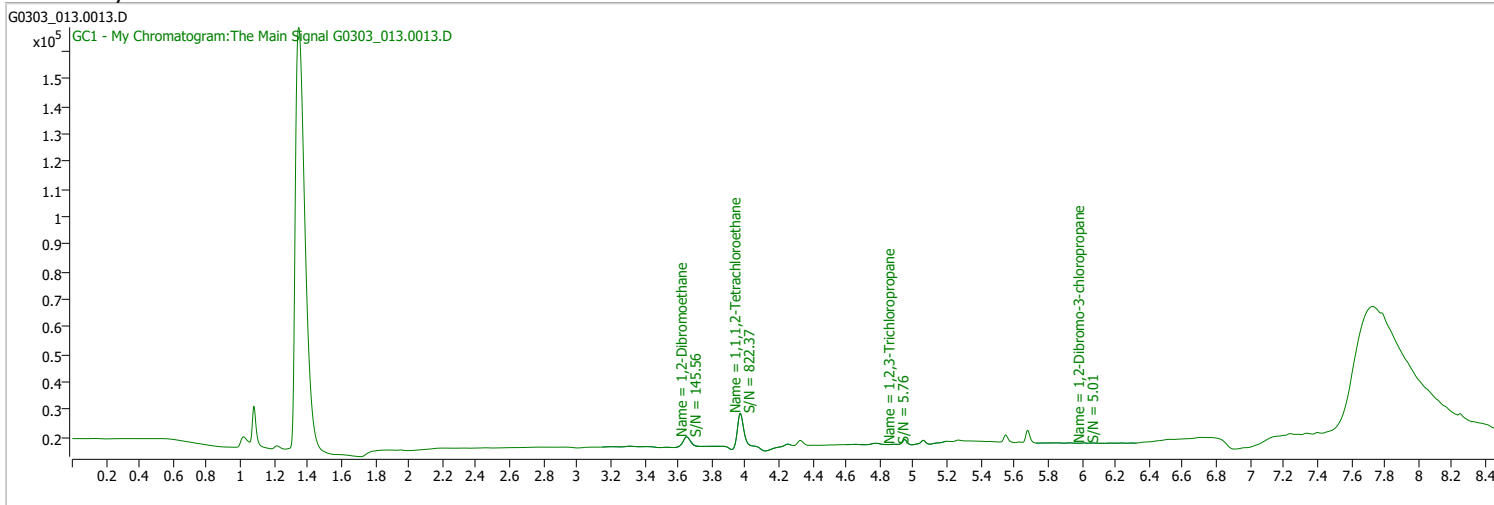
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0303_013.0013.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/3/2022 5:14:14 PM
Sample Name	B22021763-006H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G030322_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

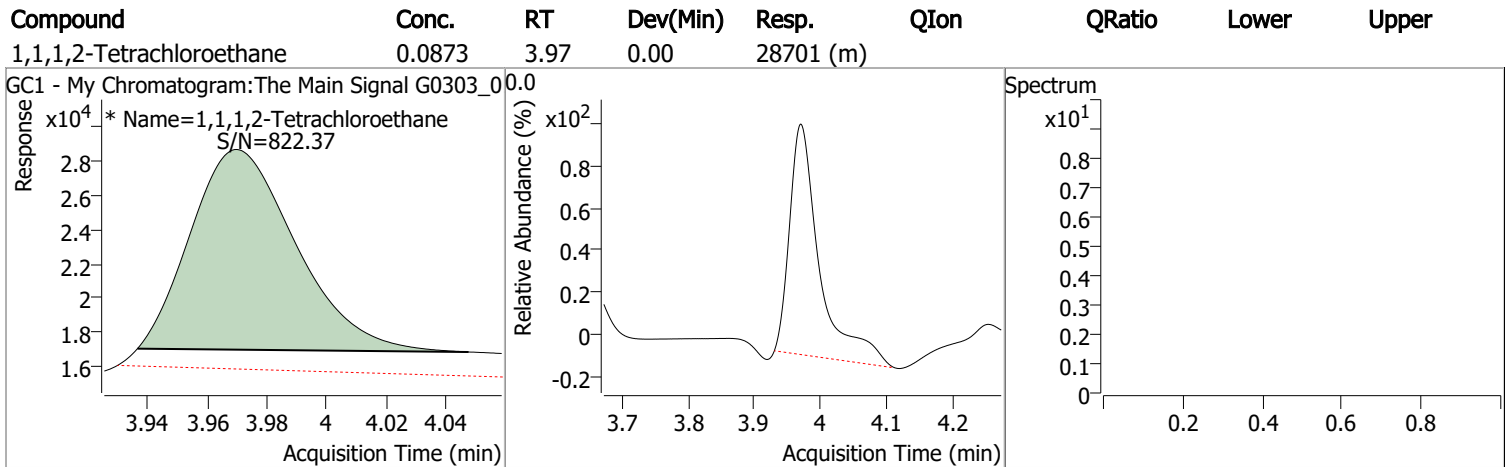
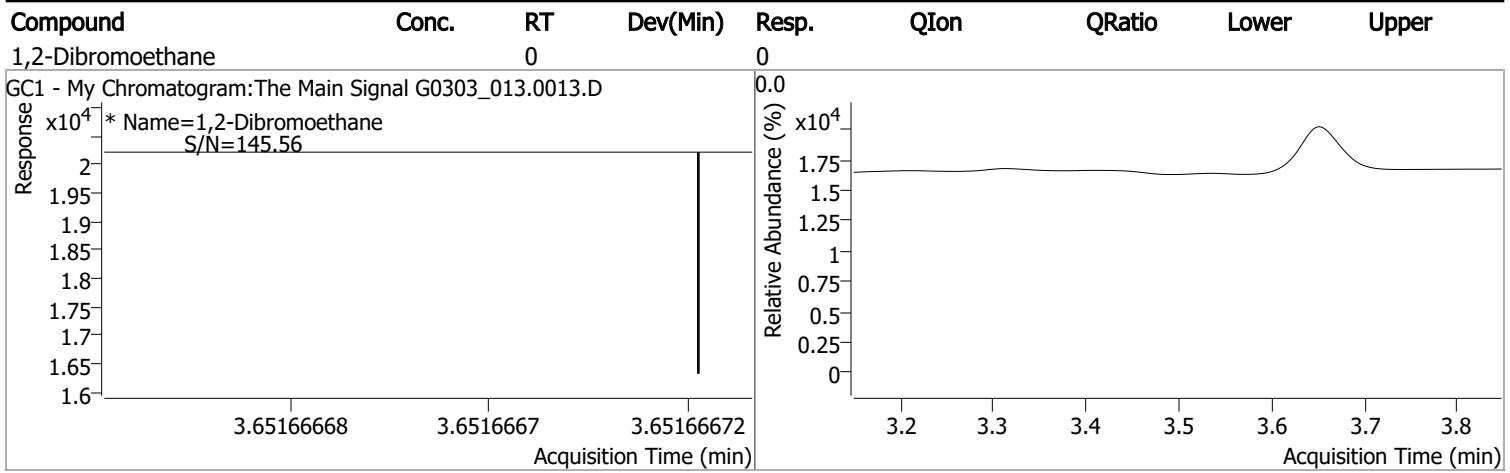
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.970	0.0	28701	0.0873	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 87.28%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.652	0.0	0		µg/L	md
						<b>QValue</b> 1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

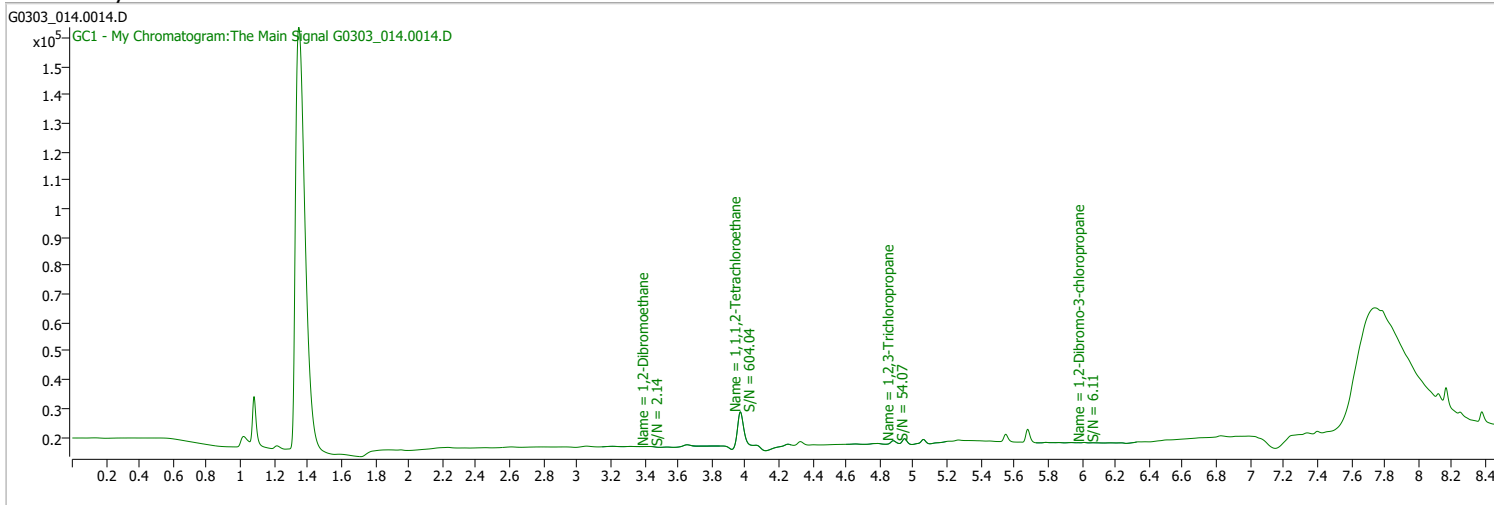




# Quantitation Results Report (QT Reviewed)

Data File	G0303_014.0014.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/3/2022 5:34:05 PM
Sample Name	B22021763-009A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G030322_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

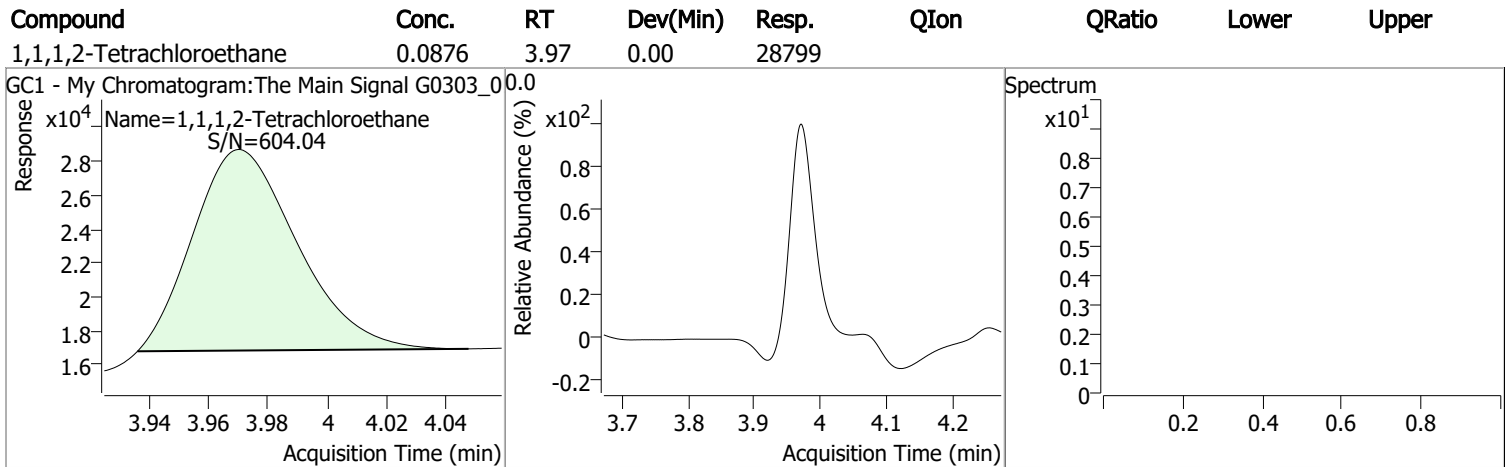
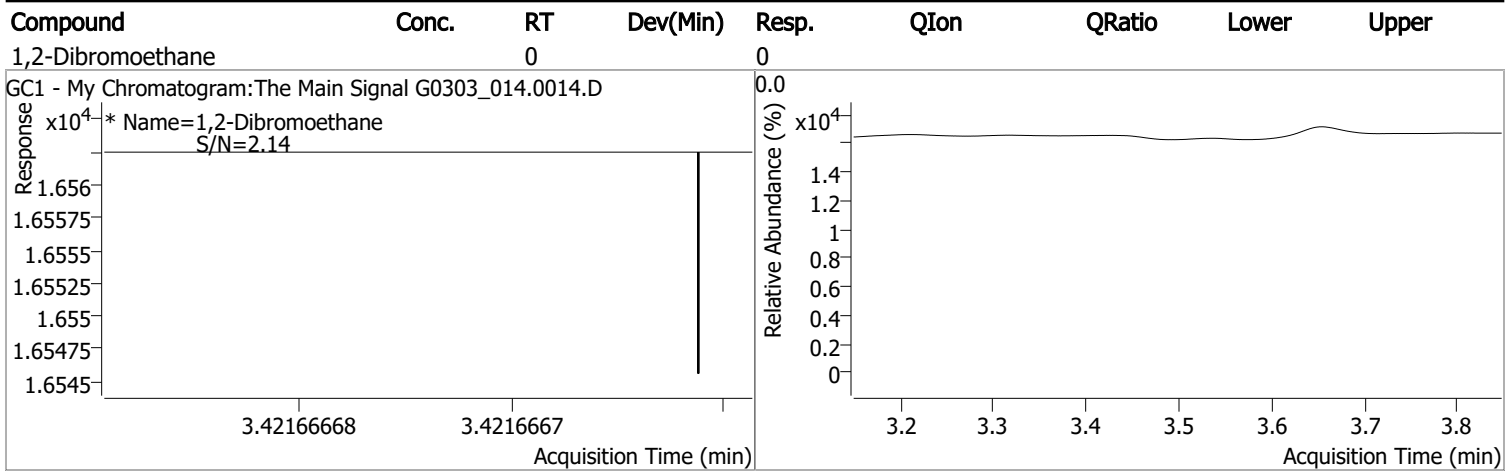
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.970	0.0	28799	0.0876	µg/L	-0.003
Spiked Amount: 0.100	Range: 70.0 - 130.0%		Recovery = 87.56%			
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.422	0.0	0		µg/L md	QValue 1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

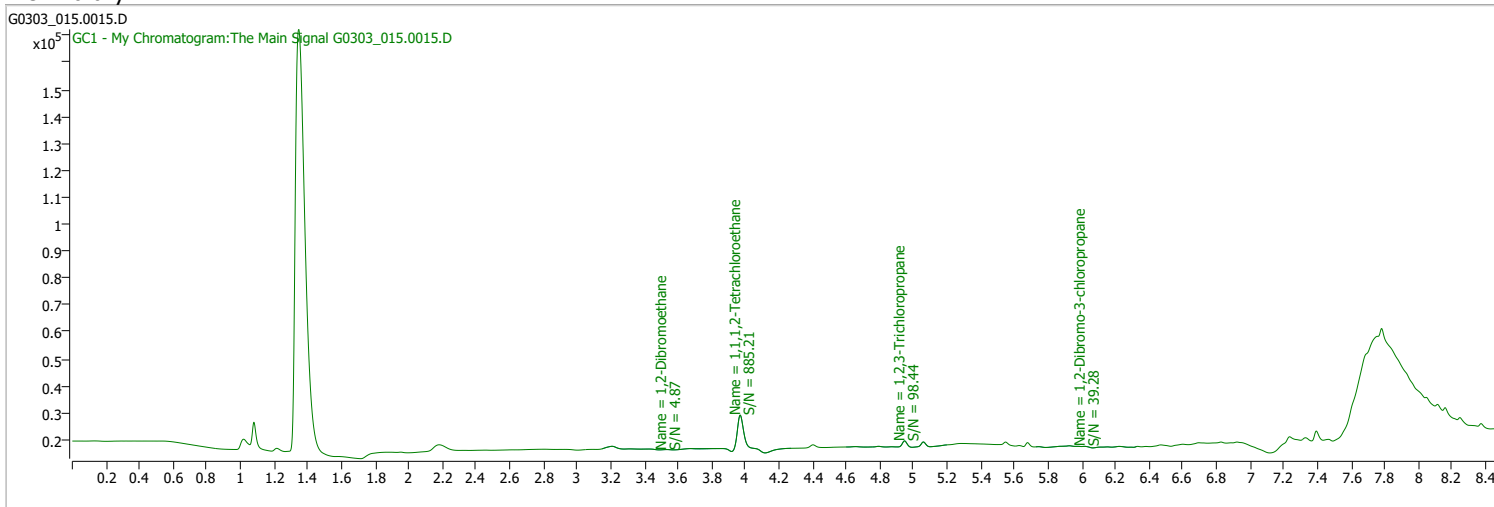
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0303_015.0015.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/3/2022 5:54:03 PM
Sample Name	B22021763-011H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G030322_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

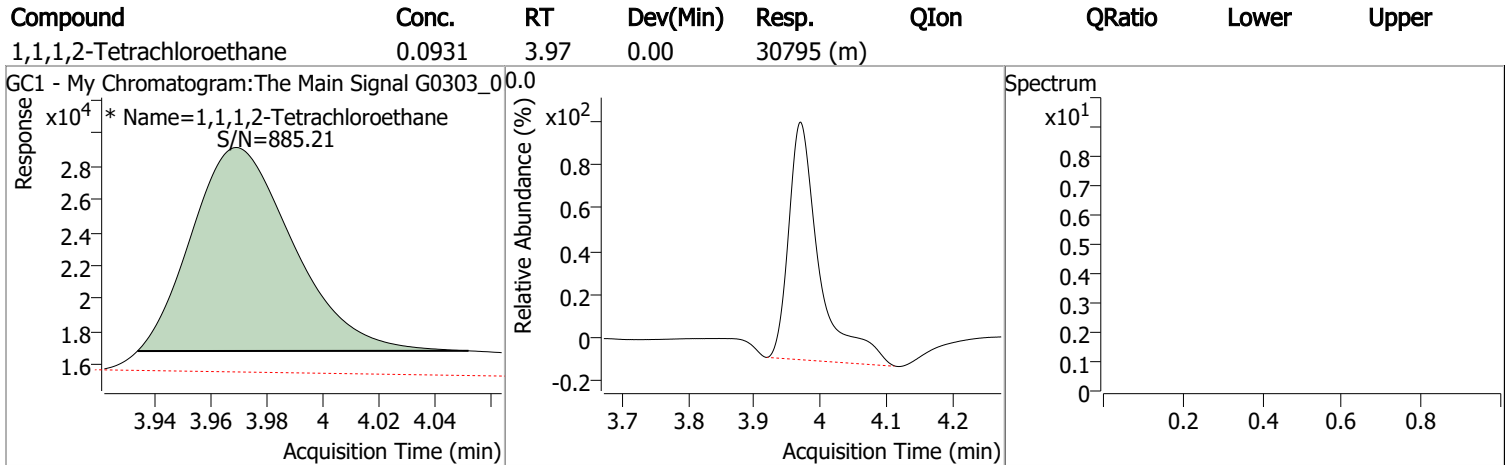
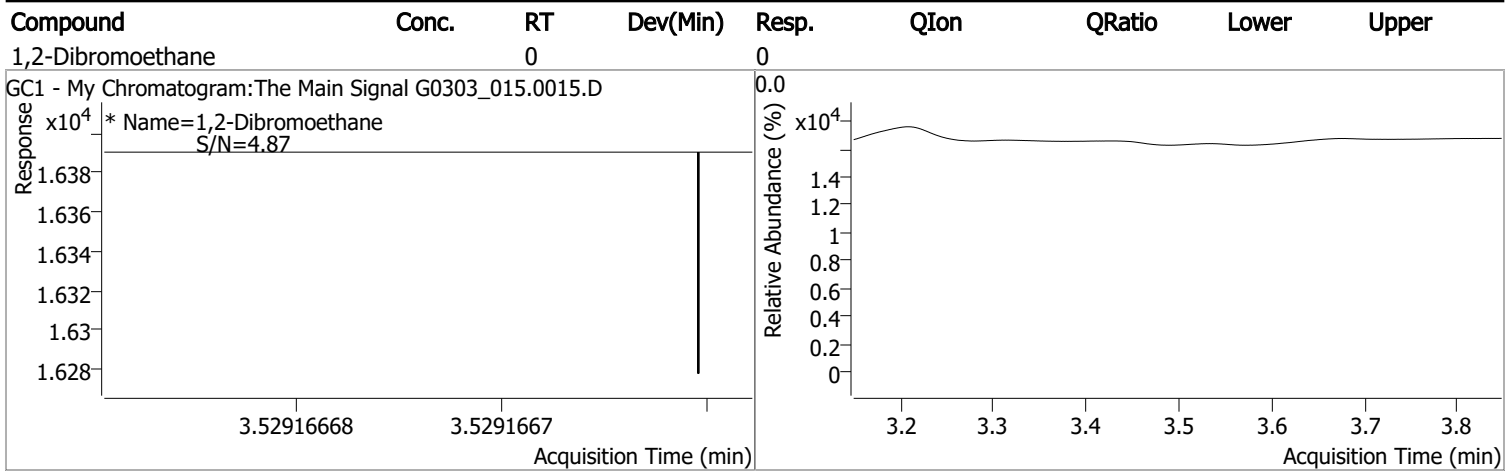
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.969	0.0	30795	0.0931	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 93.13%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.529	0.0	0		µg/L	md
						<b>QValue</b> 1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

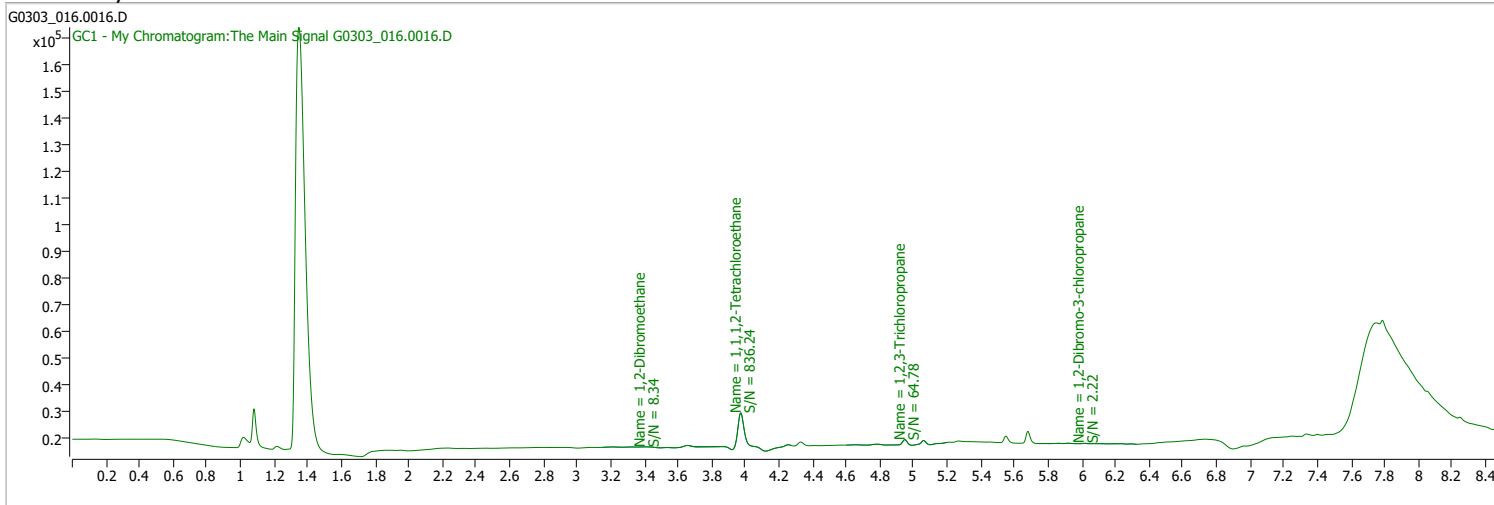
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0303_016.0016.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/3/2022 6:13:48 PM
Sample Name	B22021763-014A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G030322_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

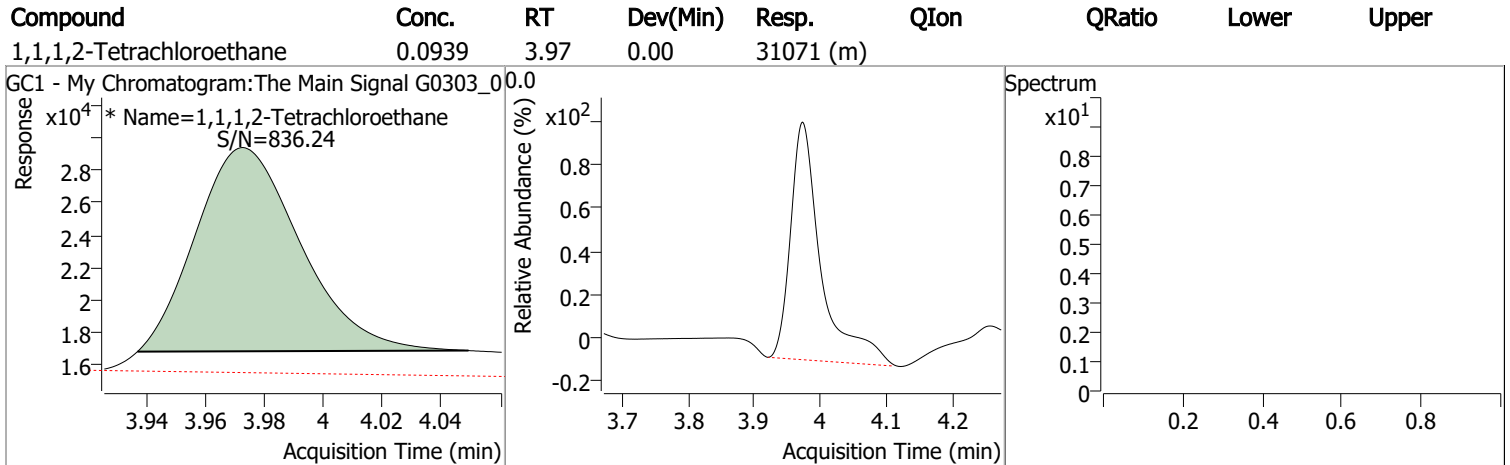
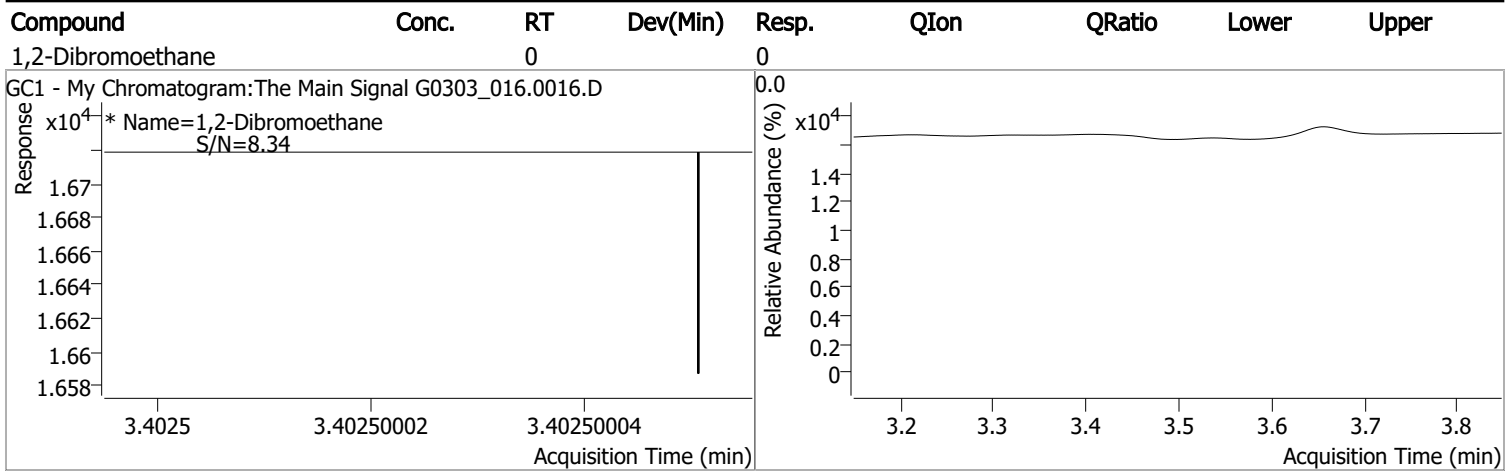
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.973	0.0	31071	0.0939	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 93.90%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.403	0.0	0		µg/L	md
						<b>QValue</b>
						1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

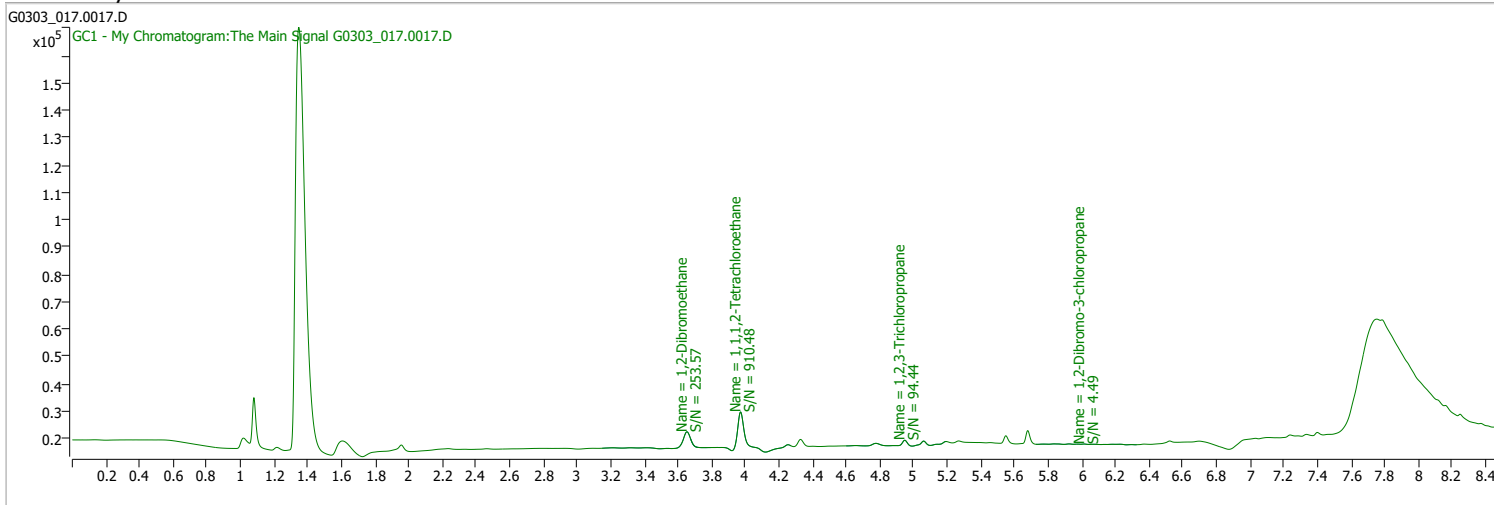
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0303_017.0017.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/3/2022 6:33:46 PM
Sample Name	B22021763-016H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G030322_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

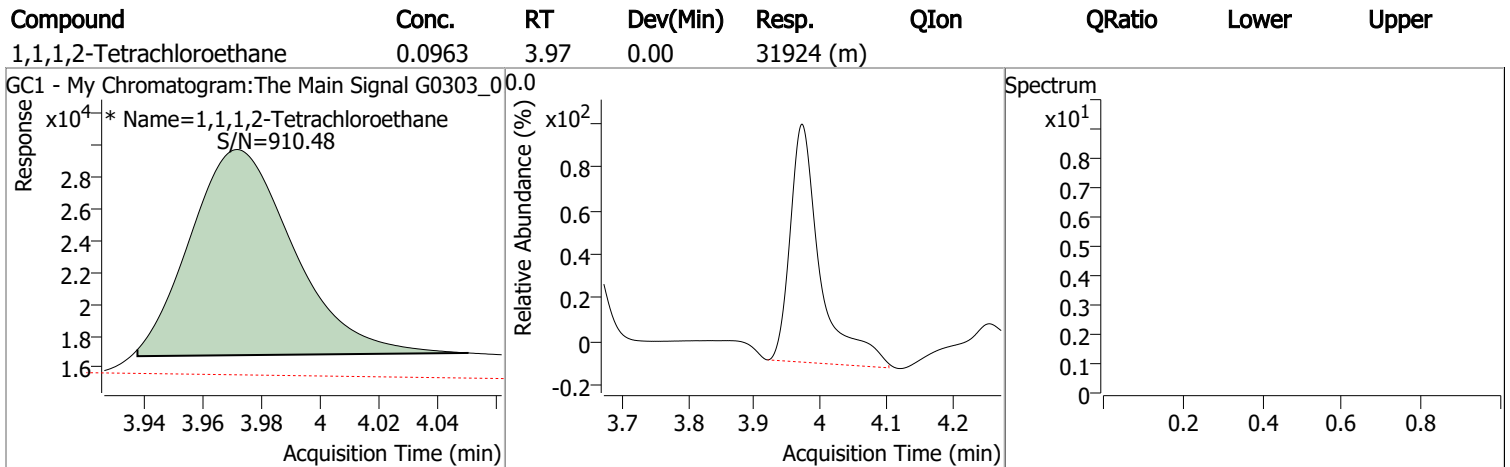
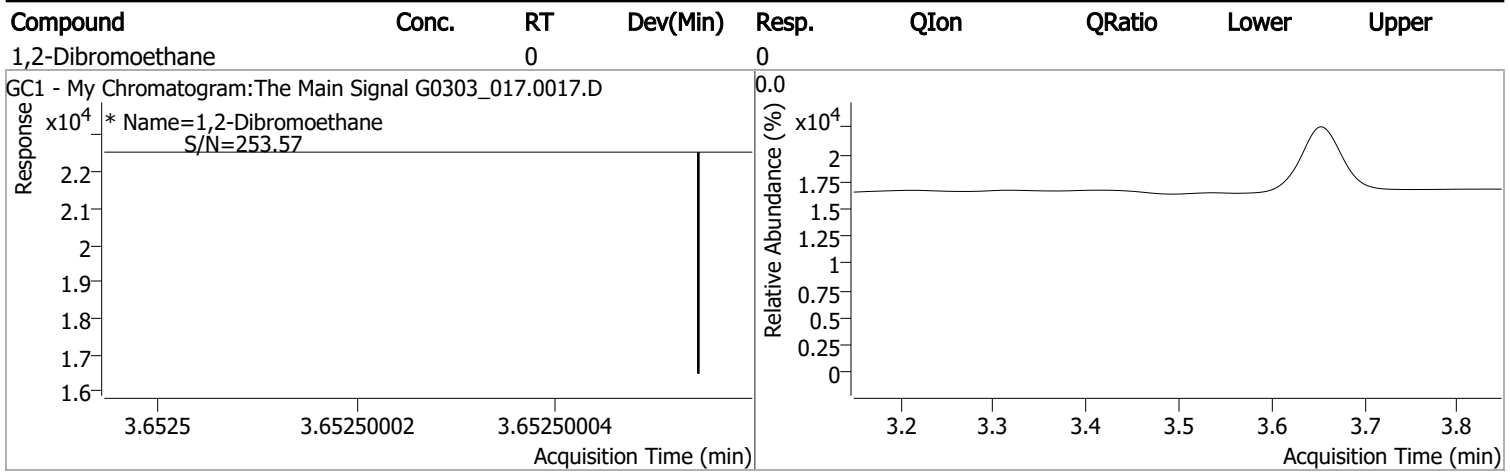
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.972	0.0	31924	0.0963	µg/L	m
Spiked Amount: 0.100	Range: 70.0 - 130.0%		Recovery = 96.28%			
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.653	0.0	0		µg/L	md
						<b>QValue</b>
						1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

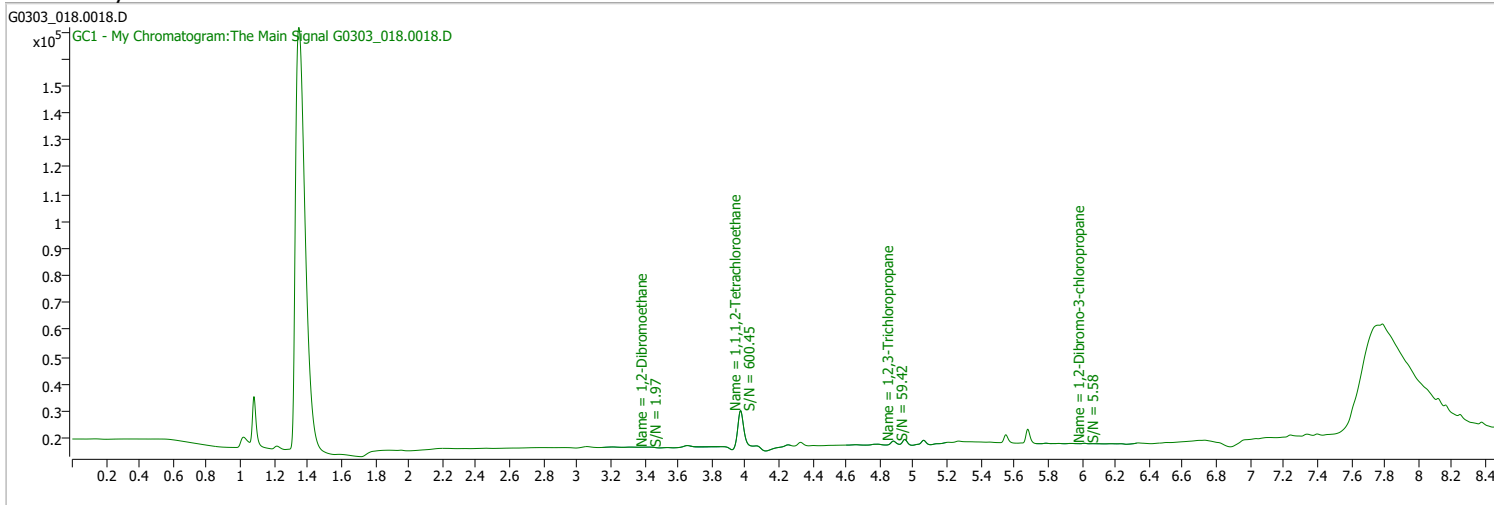




# Quantitation Results Report (QT Reviewed)

Data File	G0303_018.0018.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/3/2022 6:53:41 PM
Sample Name	B22021763-020A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G030322_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

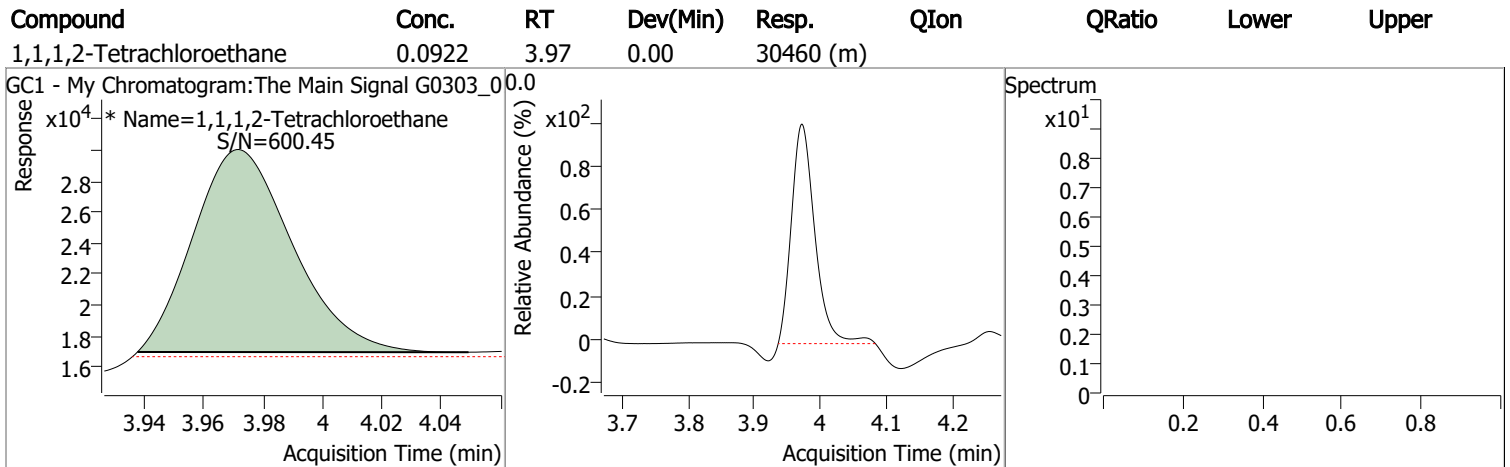
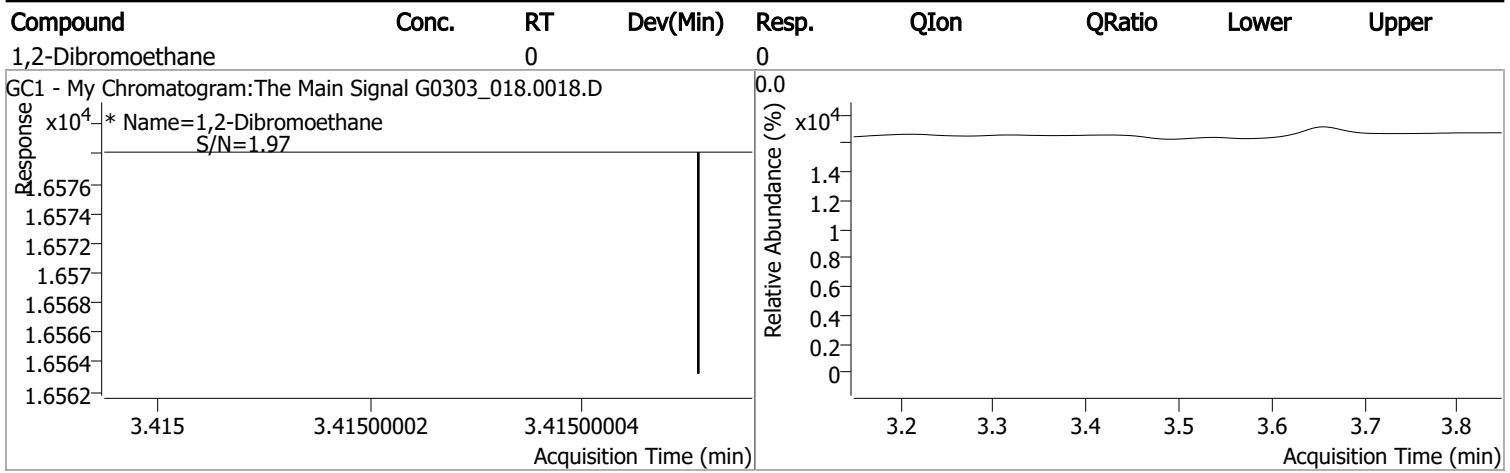
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.972	0.0	30460	0.0922	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 92.19%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.415	0.0	0		µg/L	md
						<b>QValue</b>
						1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

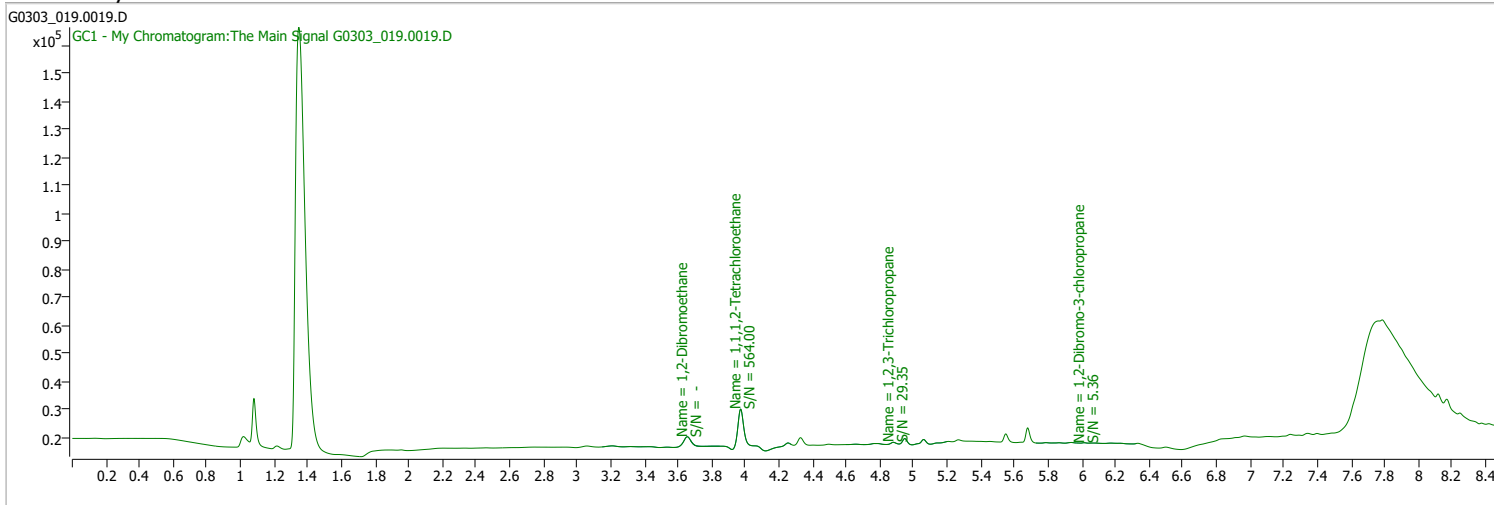
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0303_019.0019.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/3/2022 7:13:38 PM
Sample Name	B22021763-001H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G030322_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

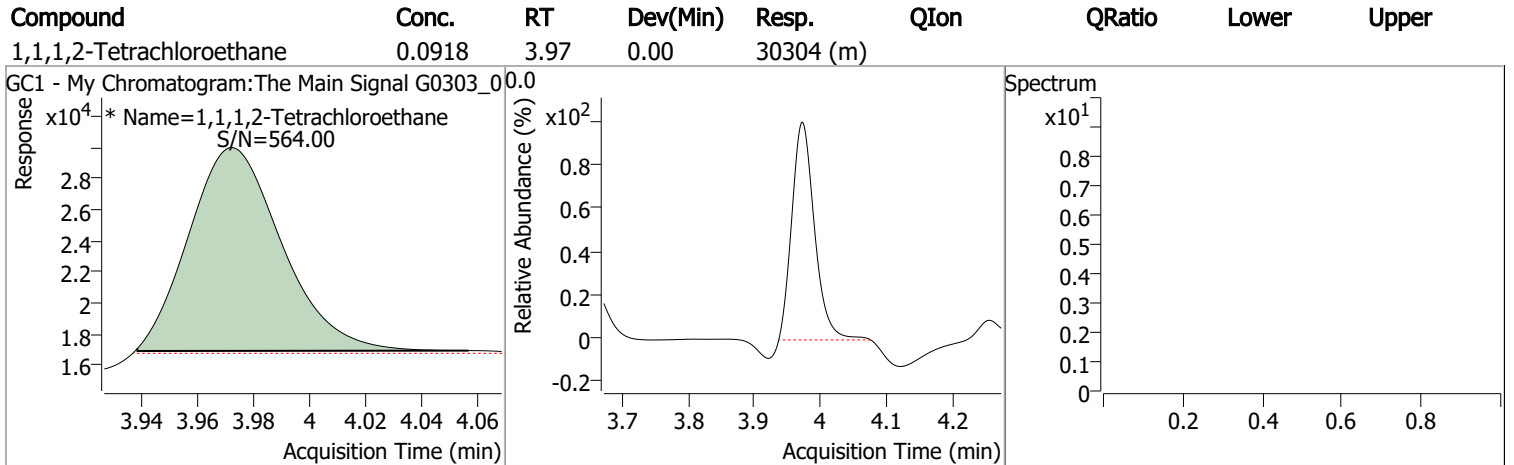
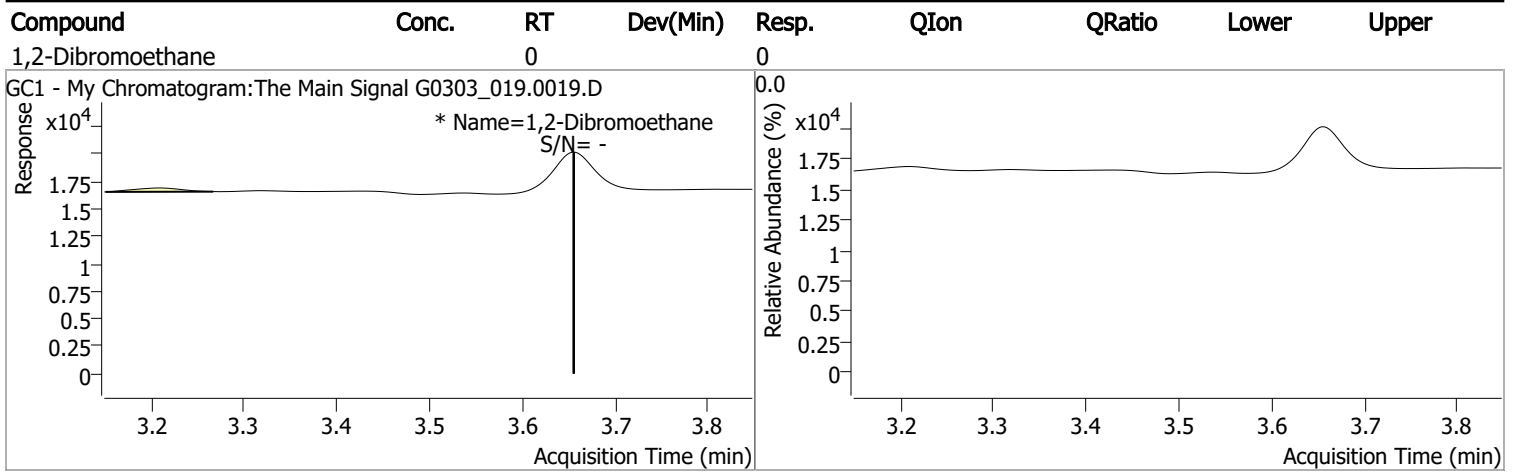
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.972	0.0	30304	0.0918	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 91.76%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.655	0.0	0		µg/L	md
						<b>QValue</b> 1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

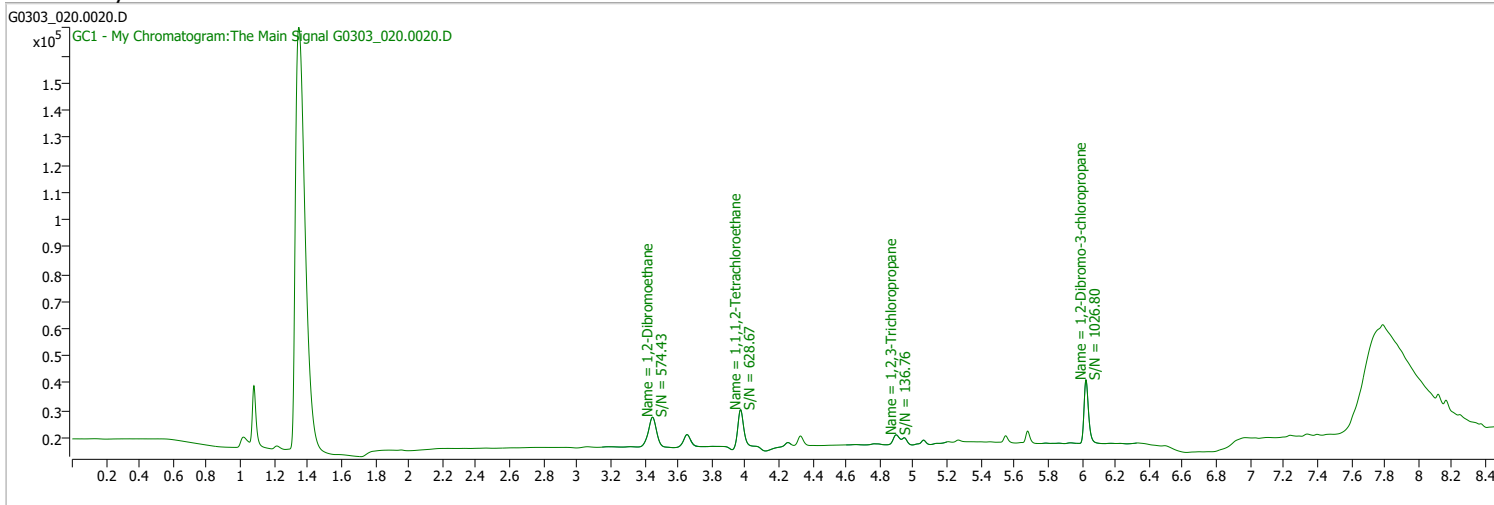
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0303_020.0020.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/3/2022 7:33:27 PM
Sample Name	B22021763-001HMS	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G030322_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

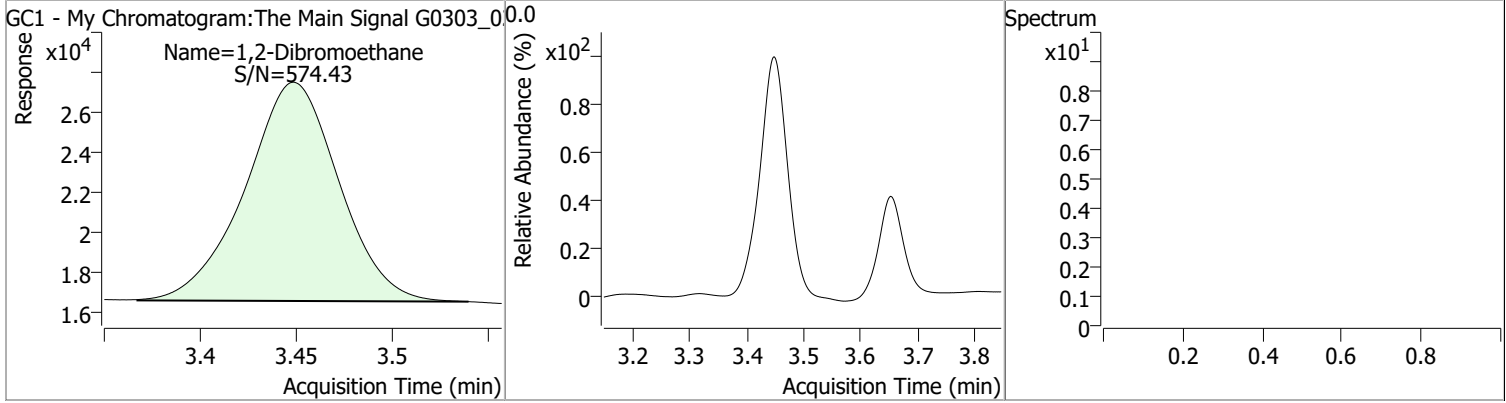


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.972	0.0	31124	0.0940	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 94.04%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.448	0.0	37381	0.2282	µg/L	QValue 100

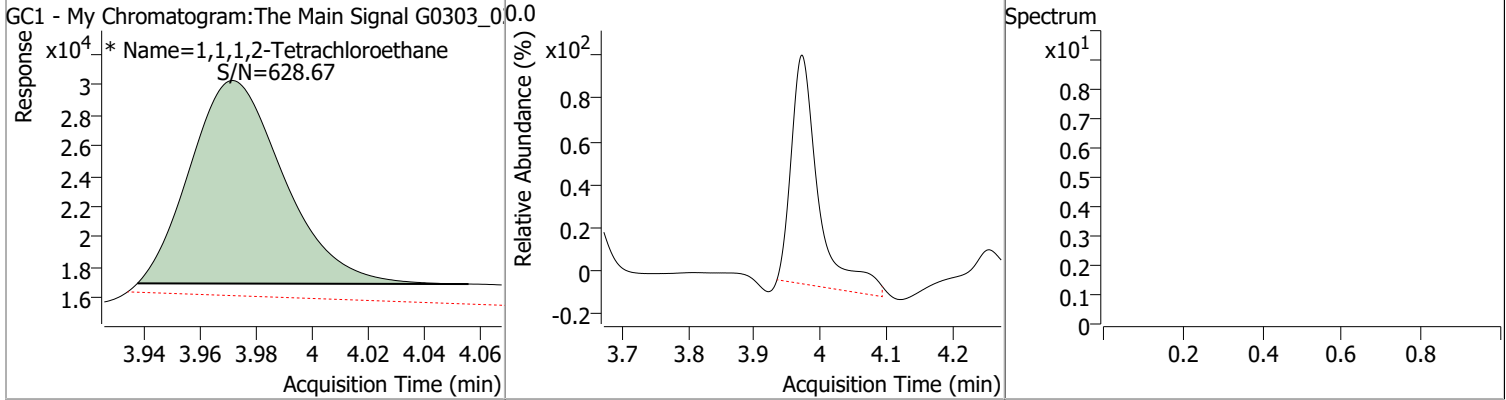
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.2282	3.45	0.00	37381				



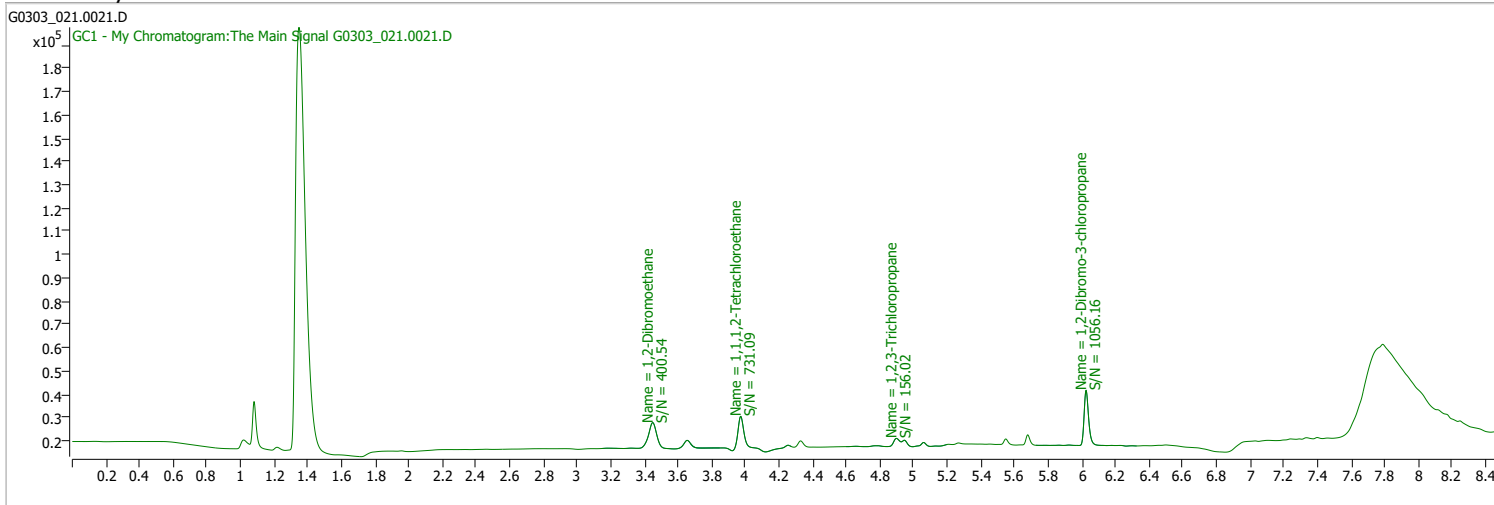
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0940	3.97	0.00	31124 (m)				



# Quantitation Results Report (QT Reviewed)

Data File	G0303_021.0021.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/3/2022 7:53:15 PM
Sample Name	B22021763-001HMSD	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G030322_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

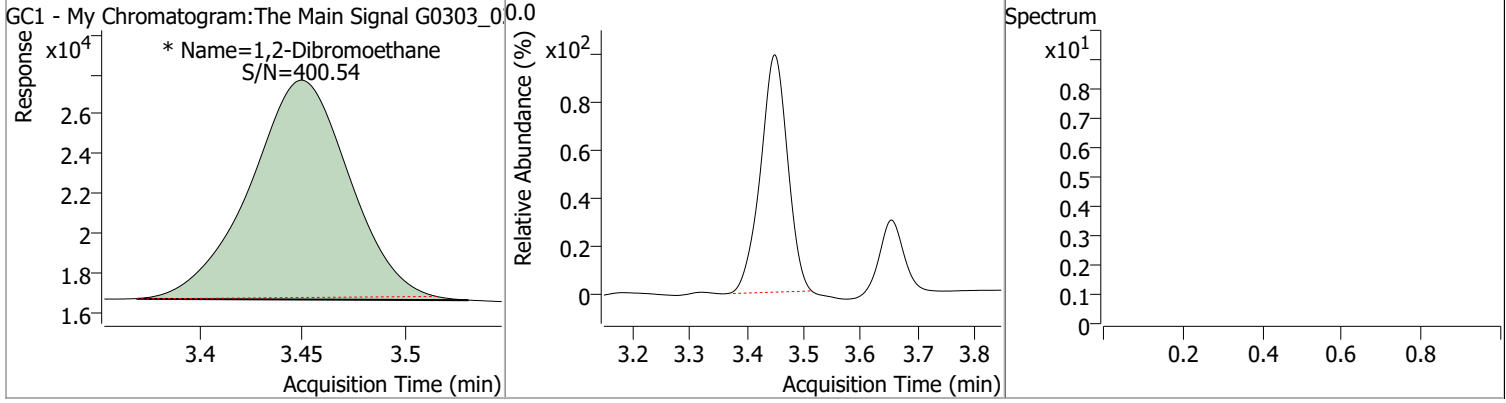


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.973	0.0	31421	0.0949	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 94.87%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.449	0.0	37328	0.2279	µg/L	m
						<b>QValue</b> 100

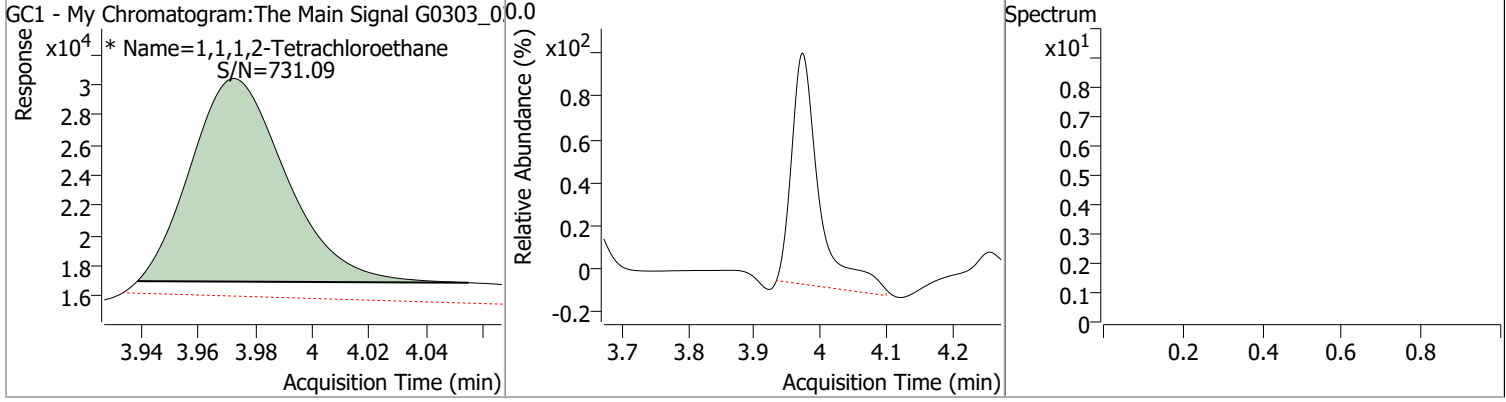
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.2279	3.45	0.00	37328 (m)				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0949	3.97	0.00	31421 (m)				

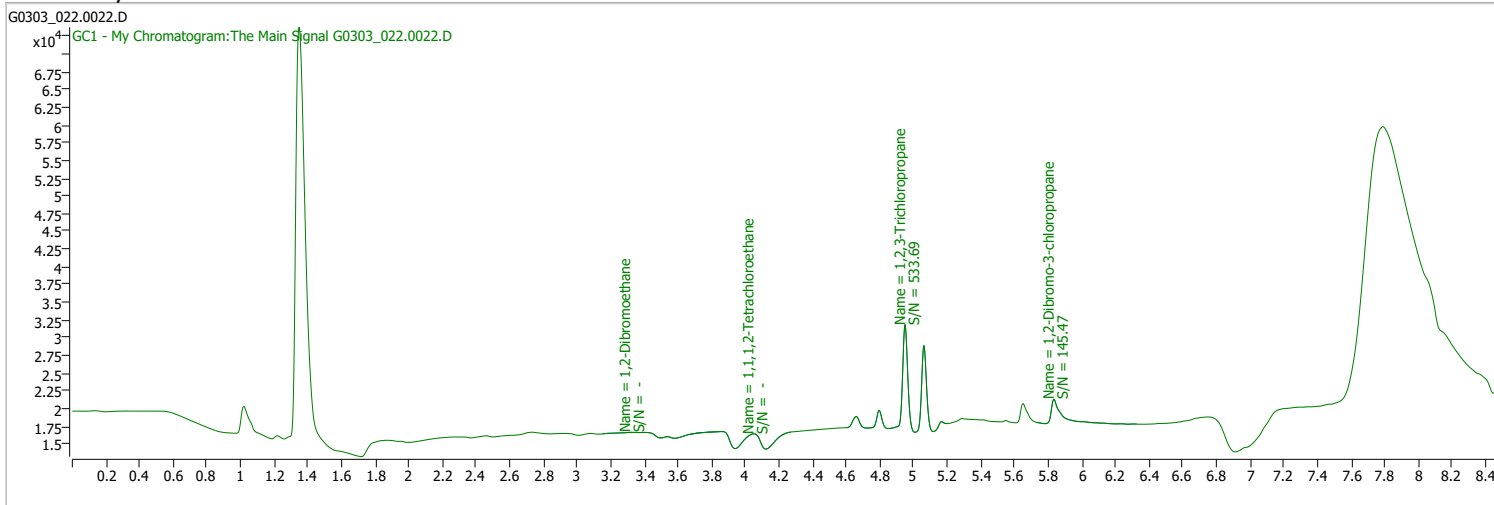




# Quantitation Results Report (QT Reviewed)

Data File	G0303_022.0022.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/3/2022 8:13:01 PM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G030322_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

**System Monitoring Compounds**

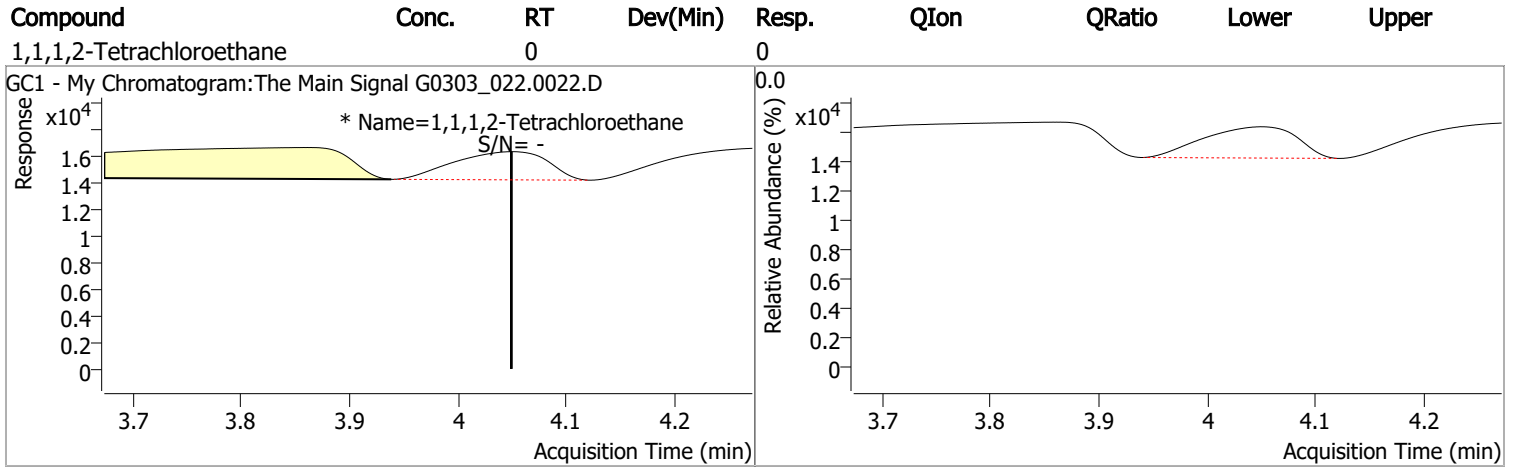
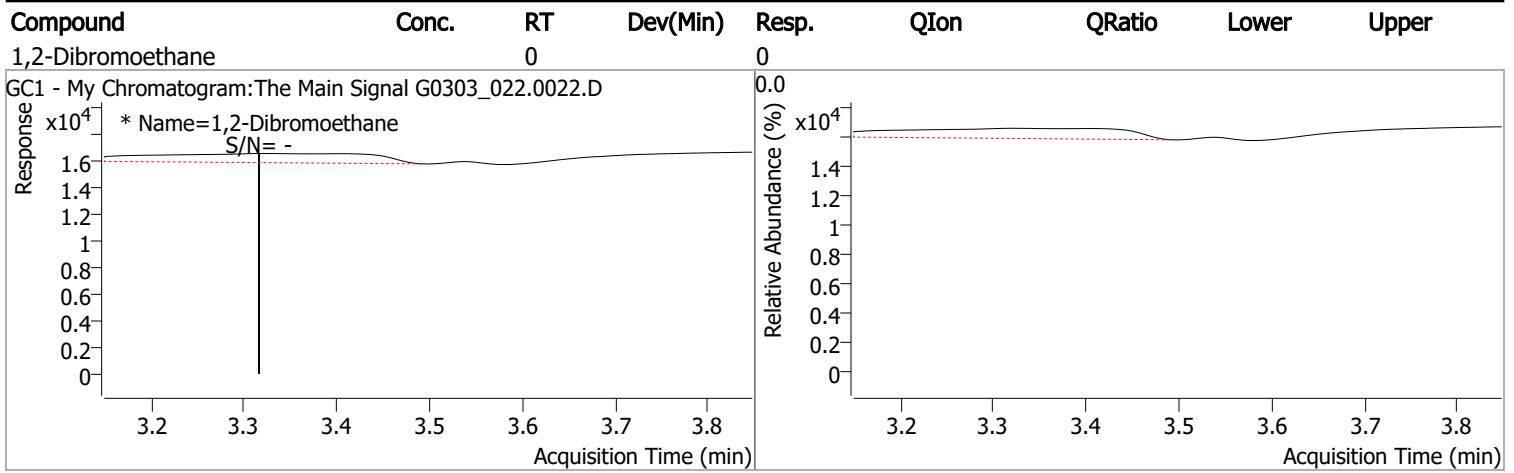
S 1,1,1,2-Tetrachloroethane	4.049	0.0	0		µg/L	md	0.077
Spiked Amount: 0.100	Range: 70.0 - 130.0%				Recovery = NA%		

**Target Compounds**

M 1,2-Dibromoethane	3.316	0.0	0		µg/L	md	<b>QValue</b> 1
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(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

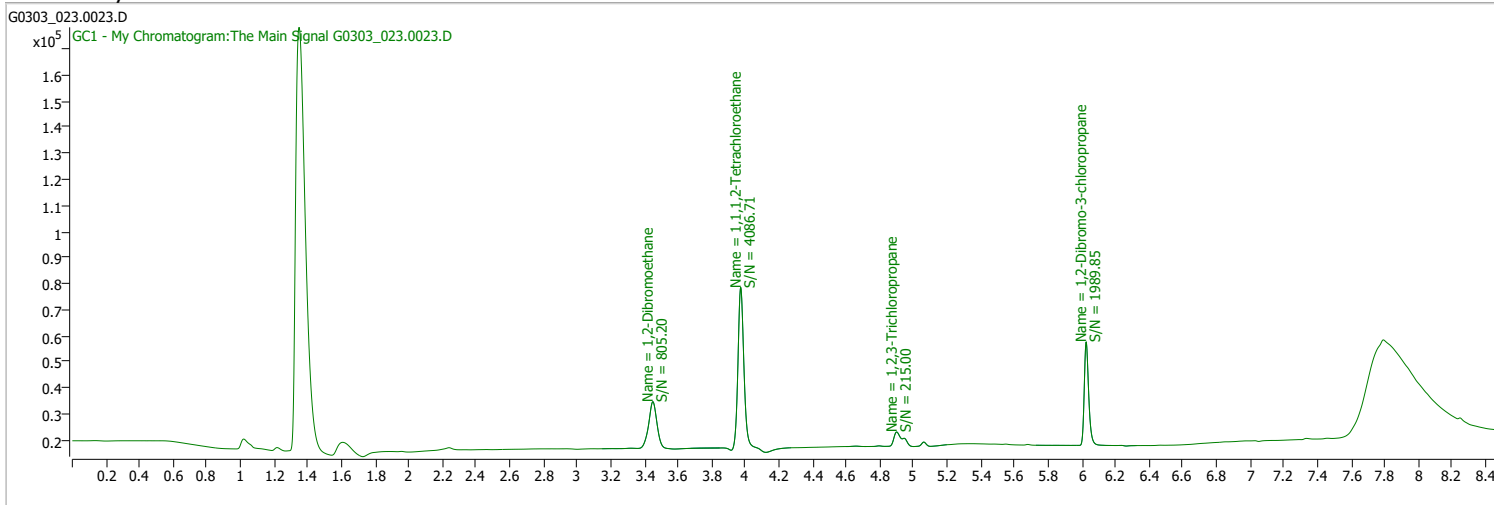
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0303_023.0023.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/3/2022 8:32:56 PM
Sample Name	CK5-164181	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G030322_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

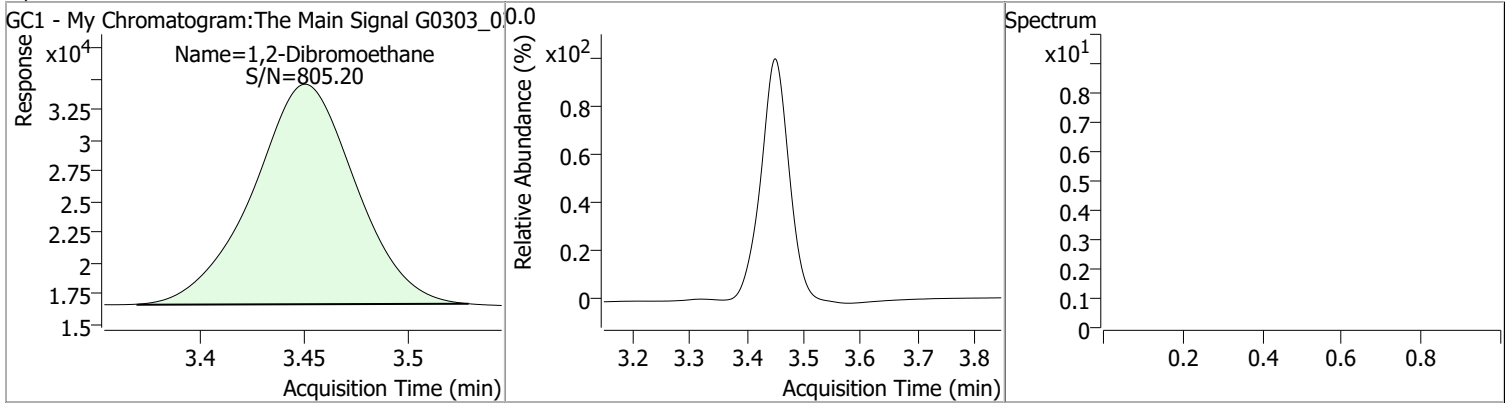


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.973	0.0	148832	0.4127	µg/L	m
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 412.70%		*
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.450	0.0	61185	0.3834	µg/L	QValue 100

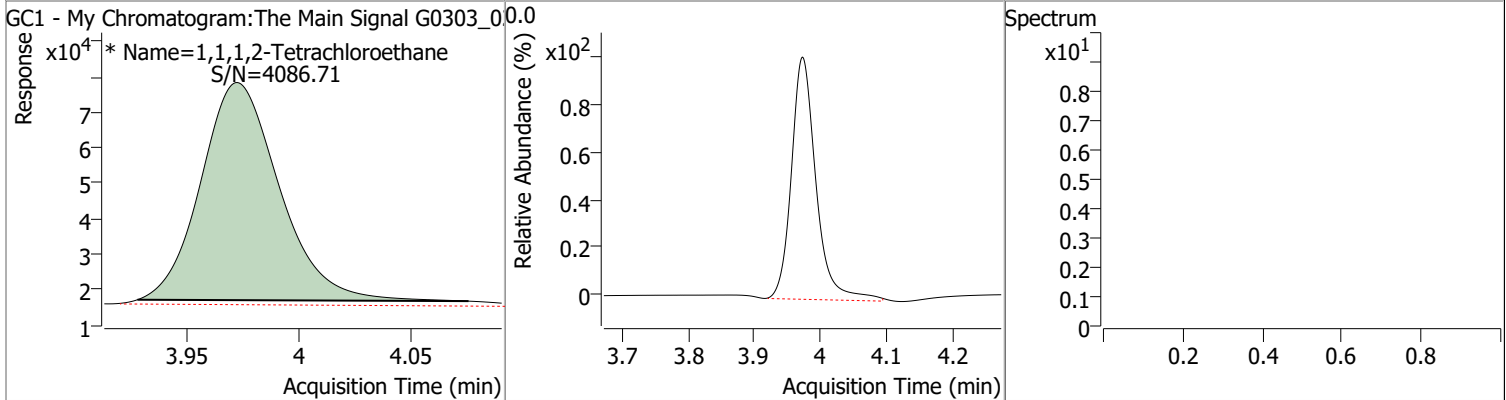
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.3834	3.45	0.00	61185				



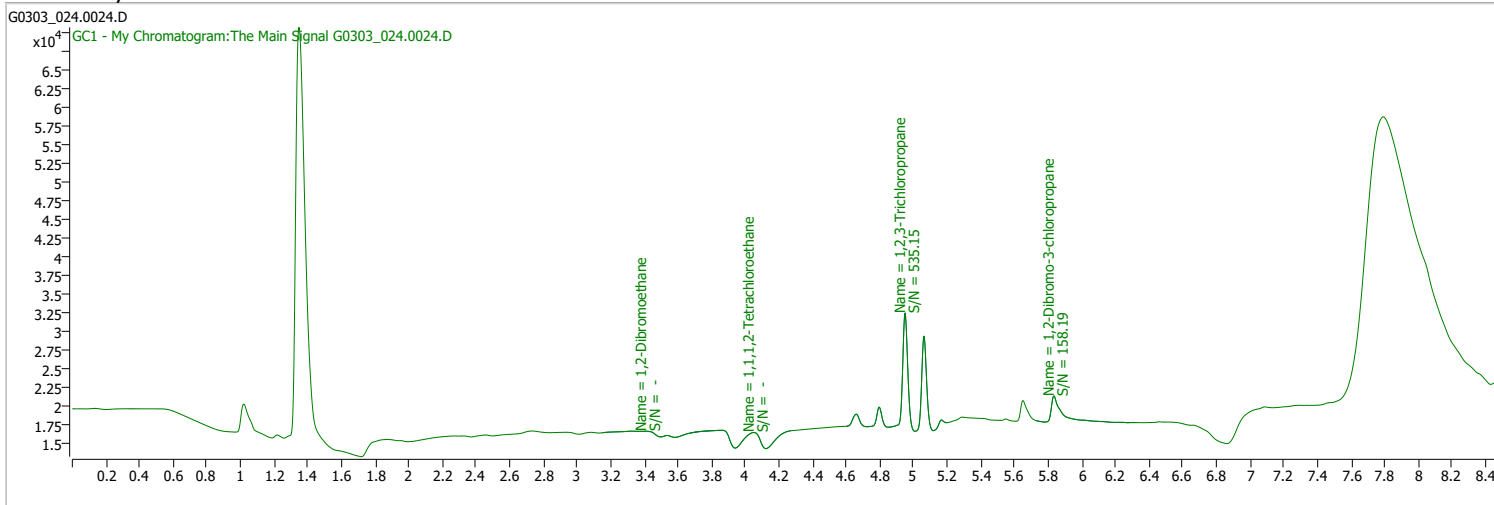
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.4127	3.97	0.00	148832 (m)				



# Quantitation Results Report (QT Reviewed)

Data File	G0303_024.0024.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/3/2022 8:53:00 PM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G030322_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

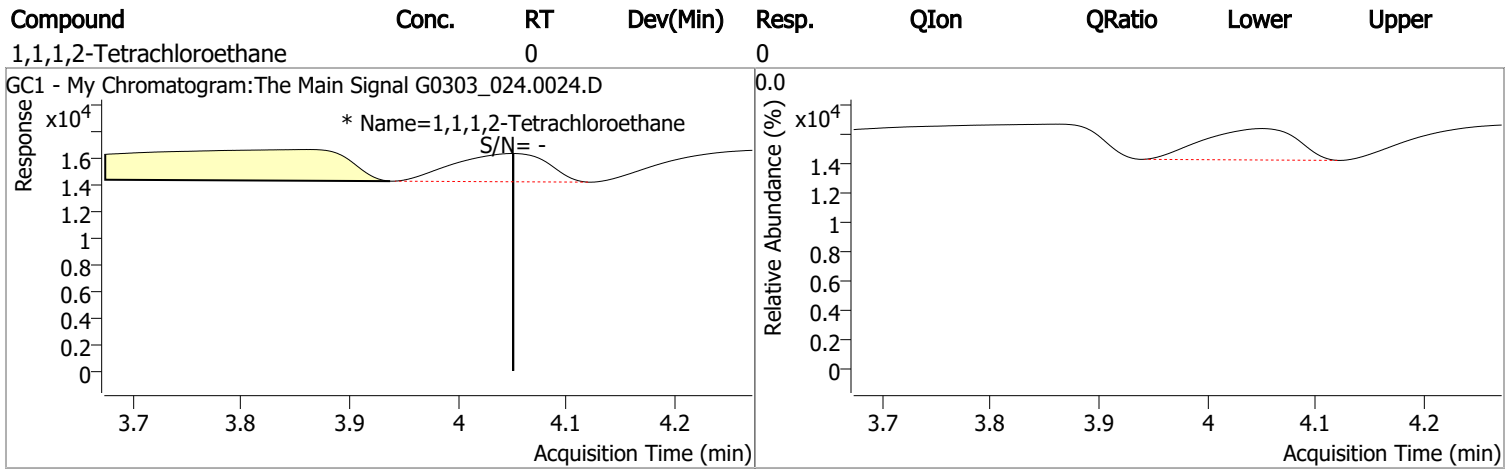
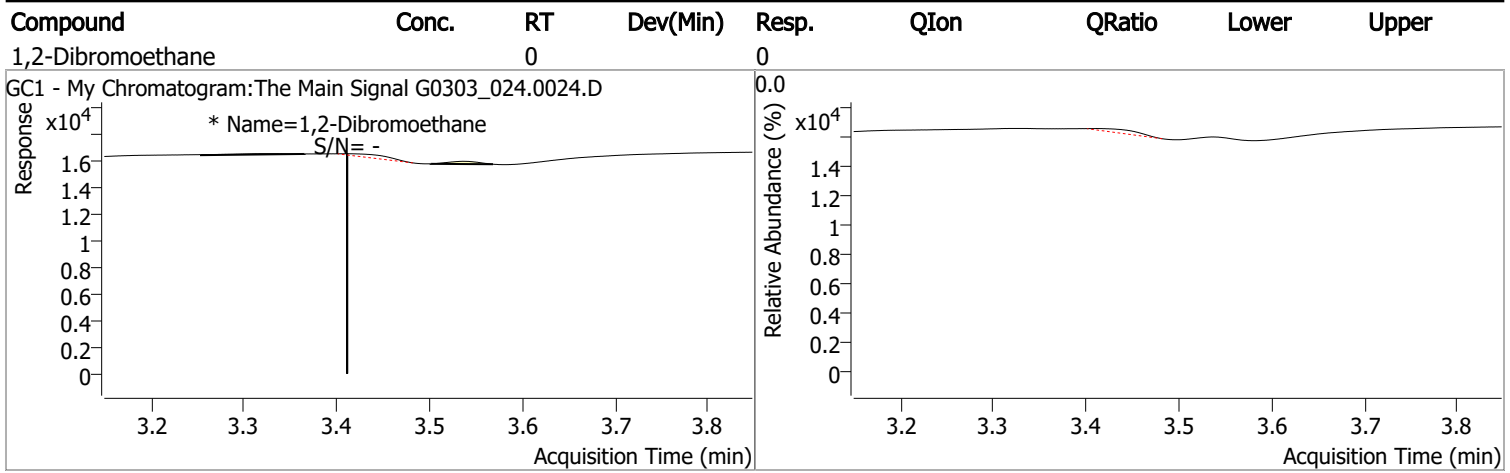
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	4.051	0.0	0		µg/L	md
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = NA%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.411	0.0	0		µg/L	md
						<b>QValue</b>
						1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

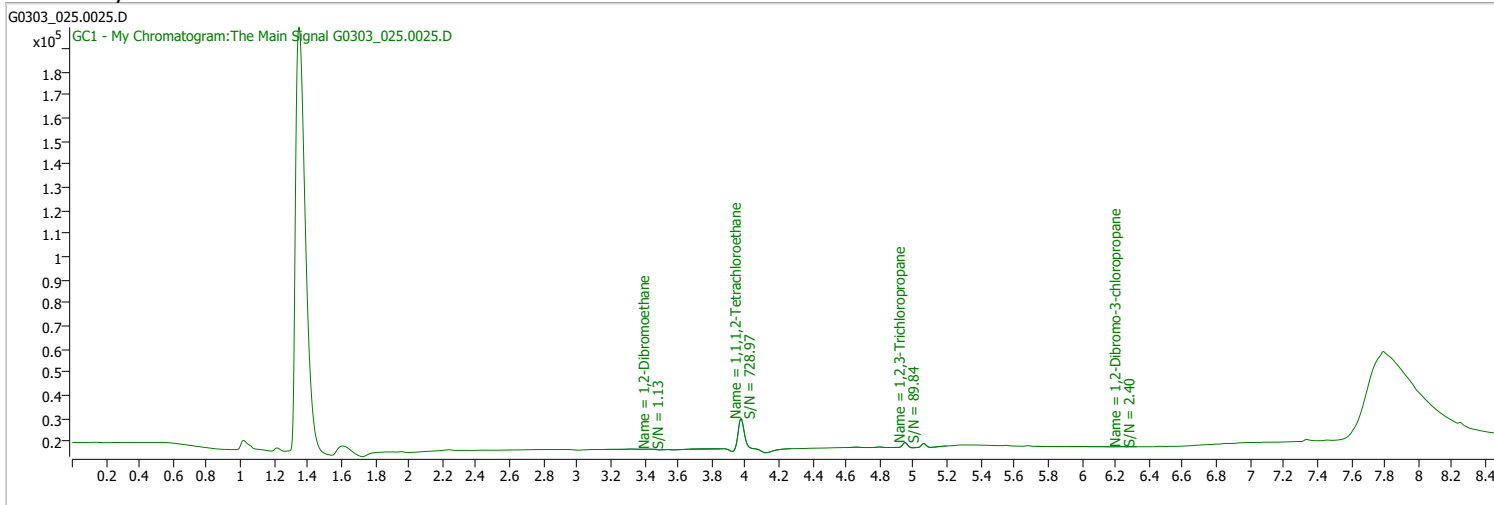
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0303_025.0025.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/3/2022 9:12:48 PM
Sample Name	B22010745-009A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G030322_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

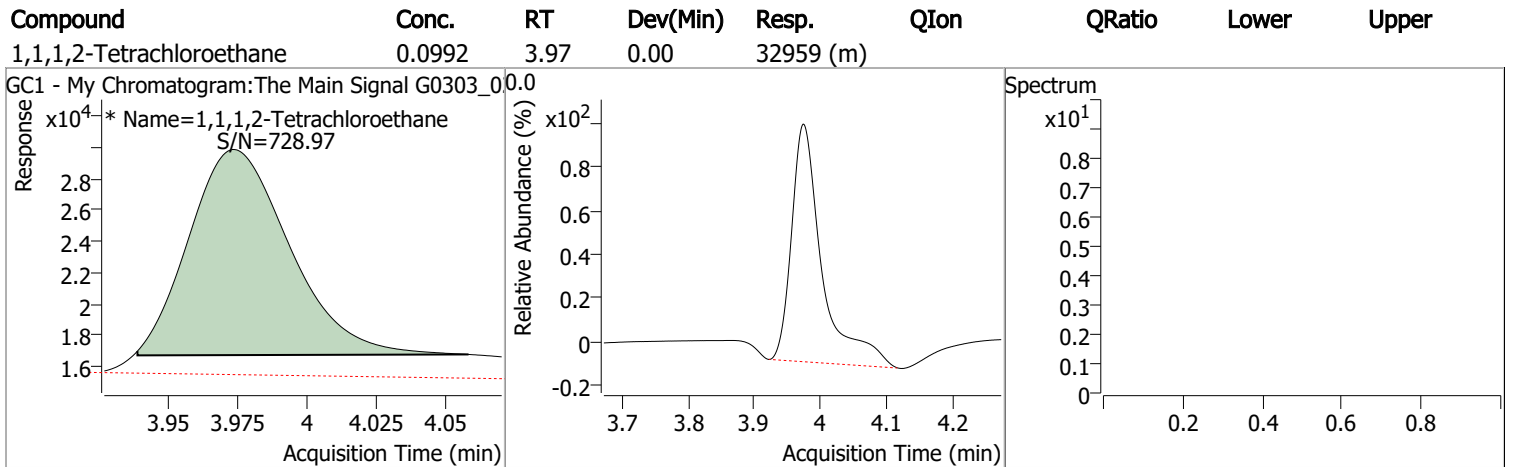
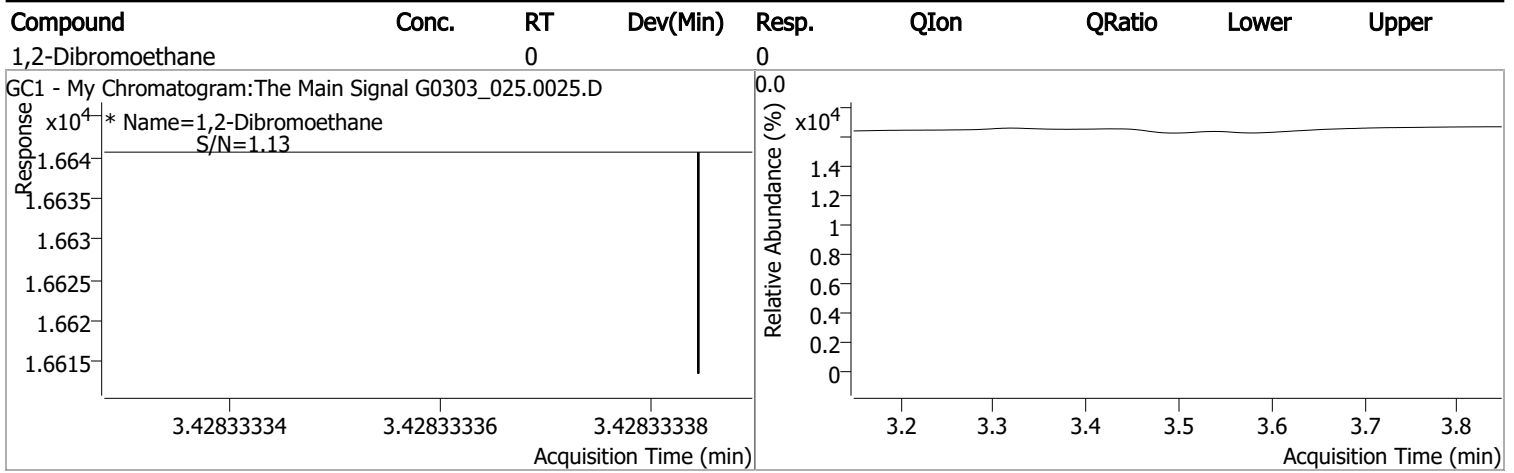
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.973	0.0	32959	0.0992	µg/L	m 0.001
Spiked Amount: 0.100				Range: 70.0 - 130.0% Recovery = 99.16%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.428	0.0	0		µg/L	md 1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

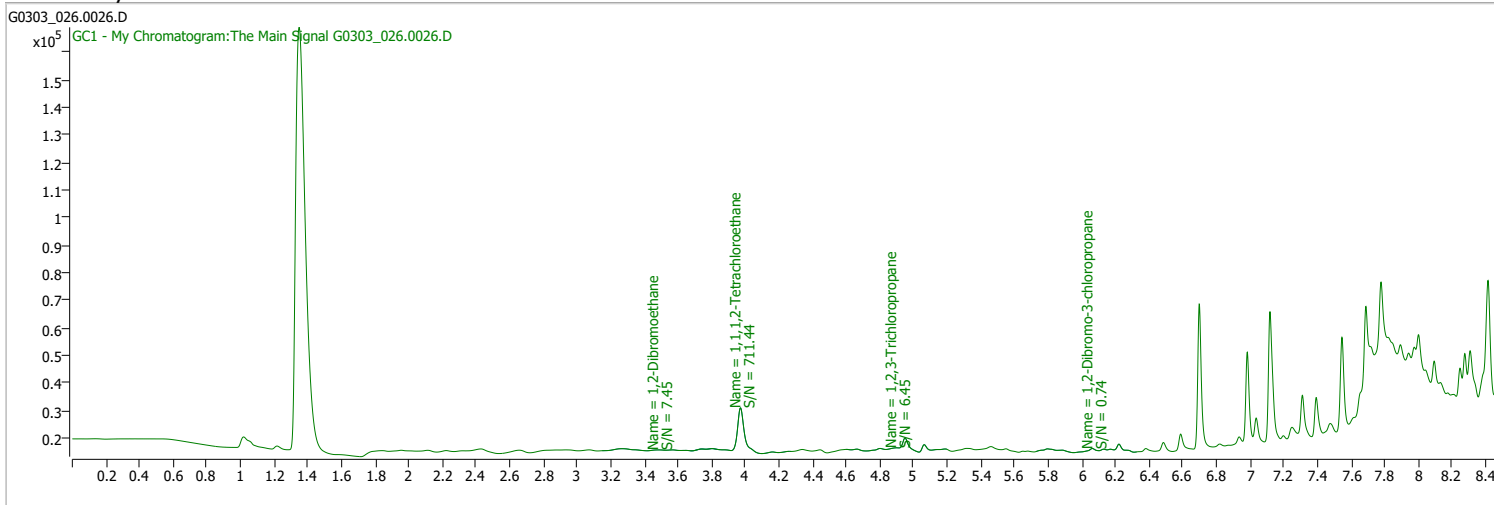




# Quantitation Results Report (QT Reviewed)

Data File	G0303_026.0026.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/3/2022 9:32:49 PM
Sample Name	B22030187-001B	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G030322_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

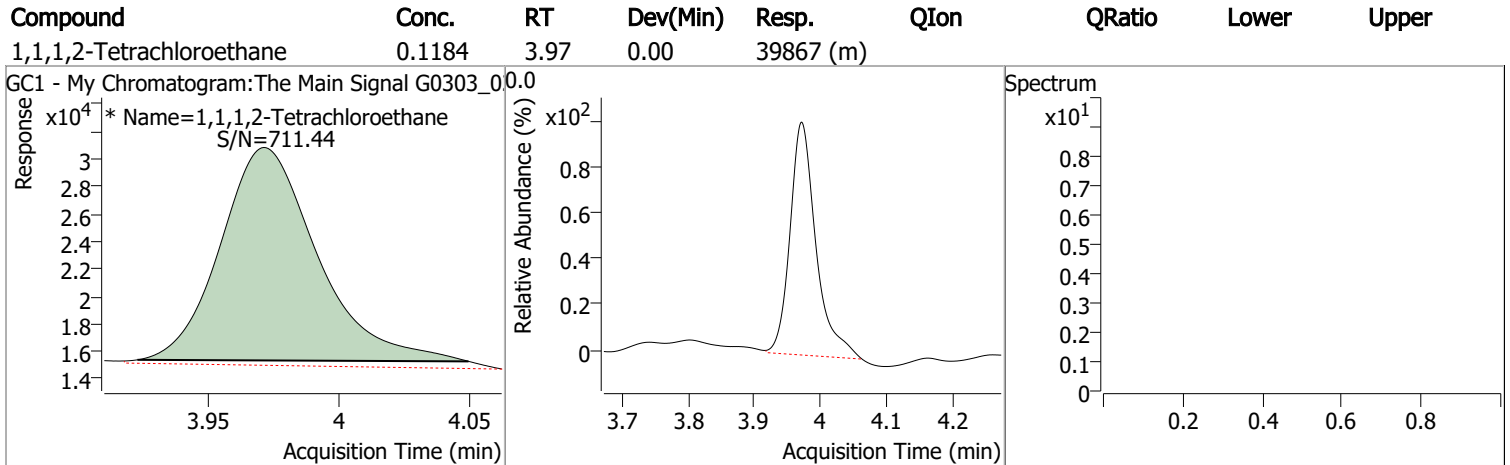
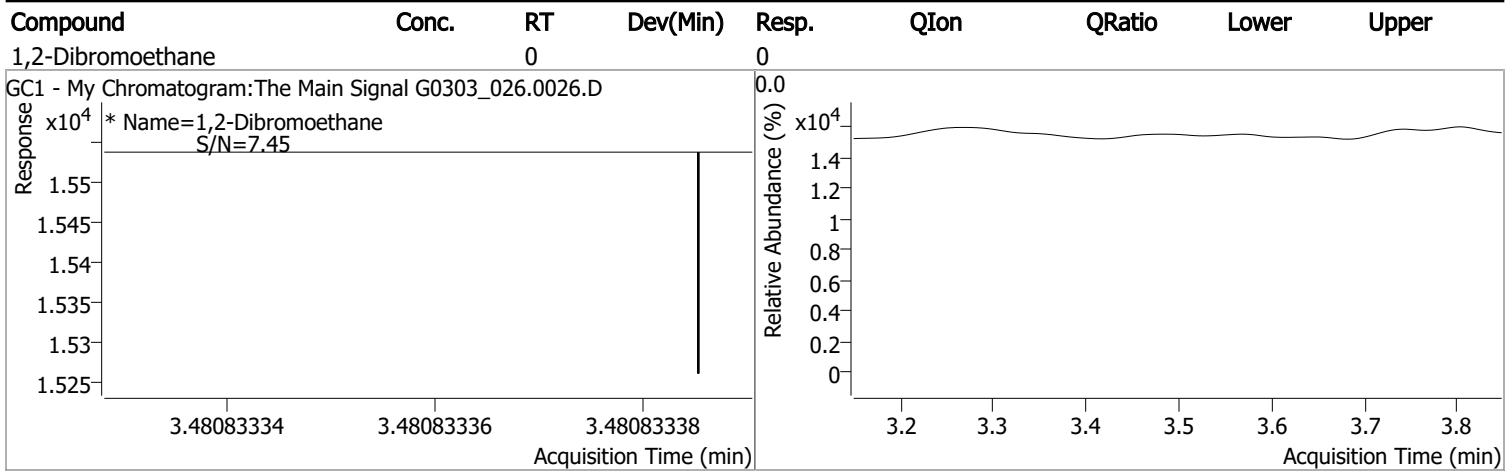
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.971	0.0	39867	0.1184	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 118.37%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.481	0.0	0		µg/L	md
						<b>QValue</b> 1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

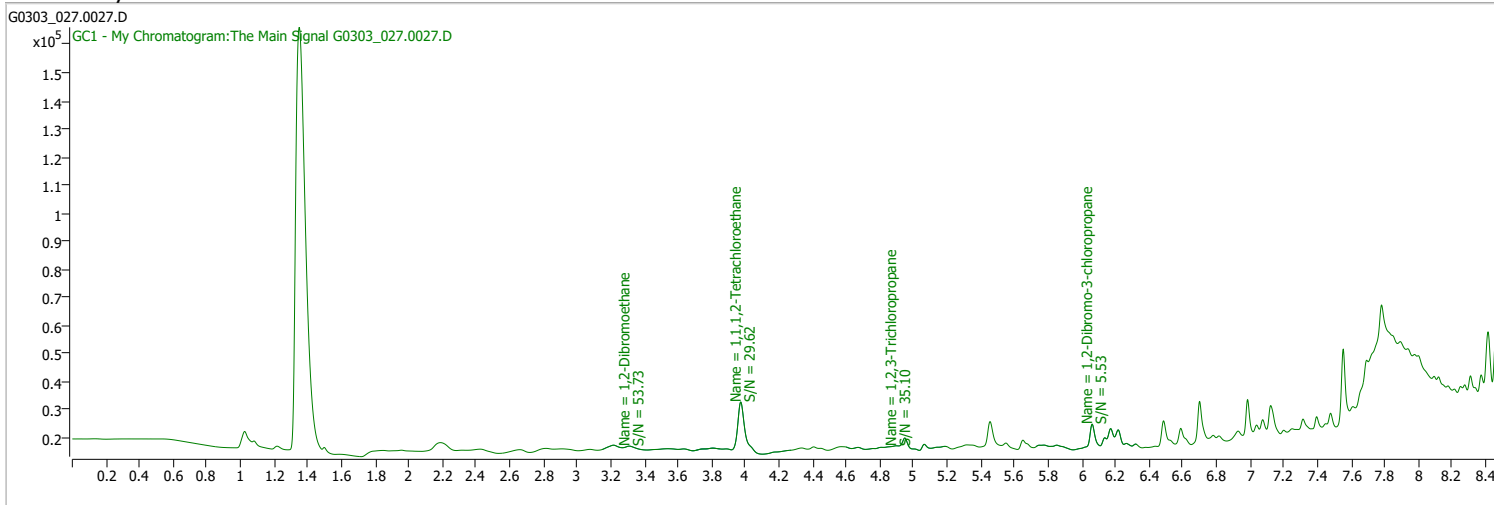
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0303_027.0027.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/3/2022 9:52:32 PM
Sample Name	B22030187-002C	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G030322_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

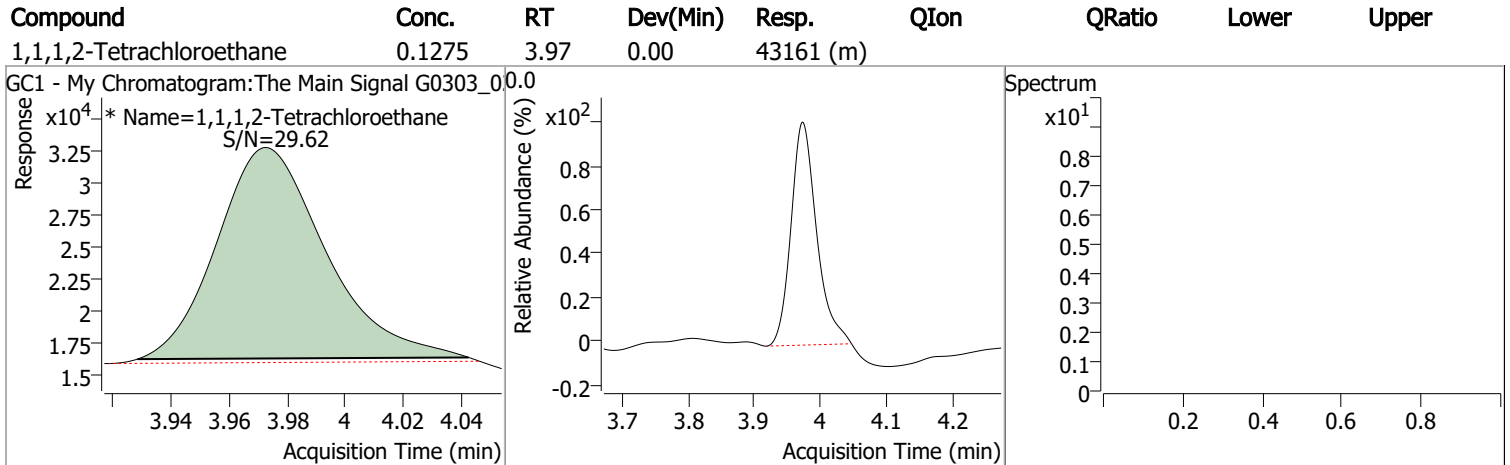
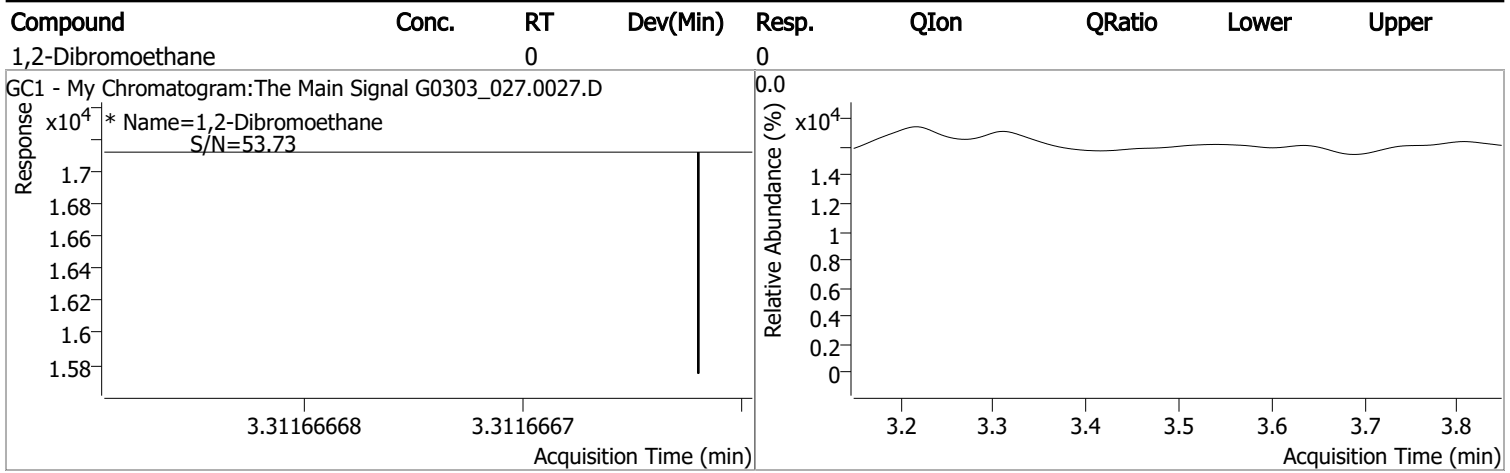
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.973	0.0	43161	0.1275	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 127.51%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.312	0.0	0		µg/L	md
						<b>QValue</b> 1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

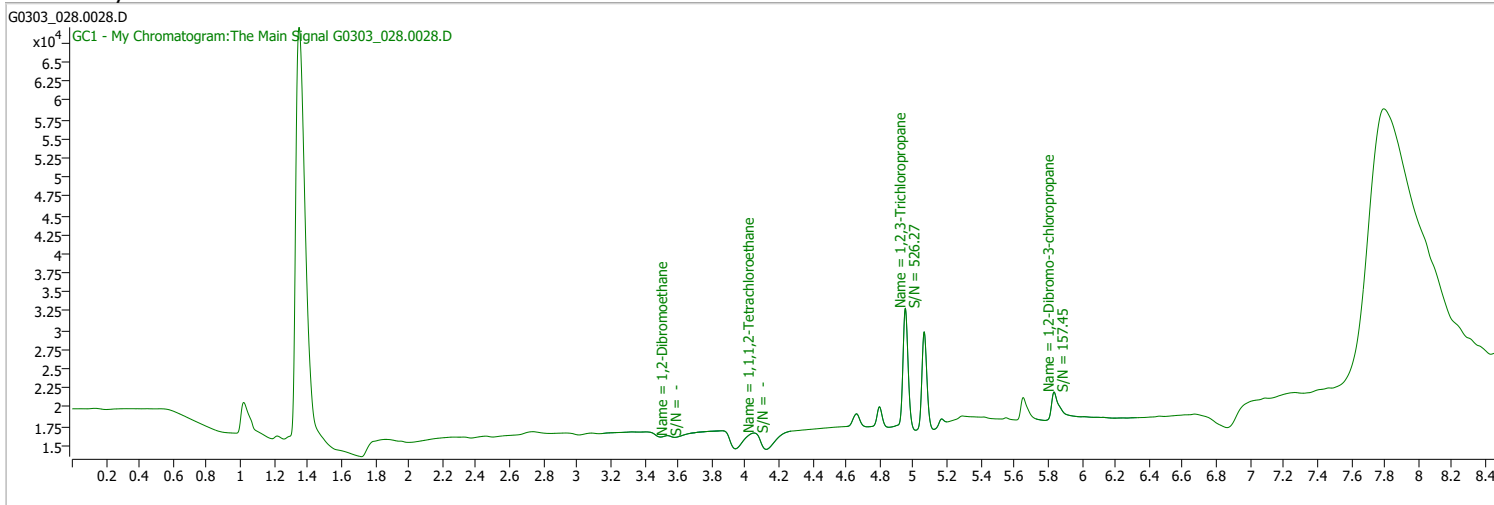
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0303_028.0028.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/3/2022 10:12:13 PM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G030322_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

**System Monitoring Compounds**

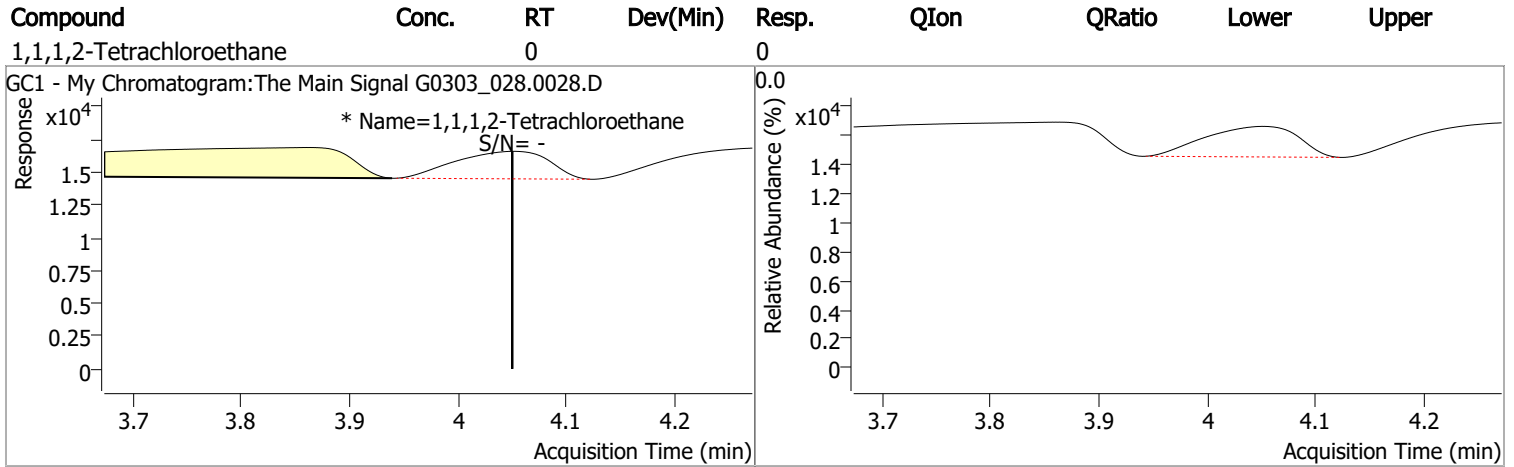
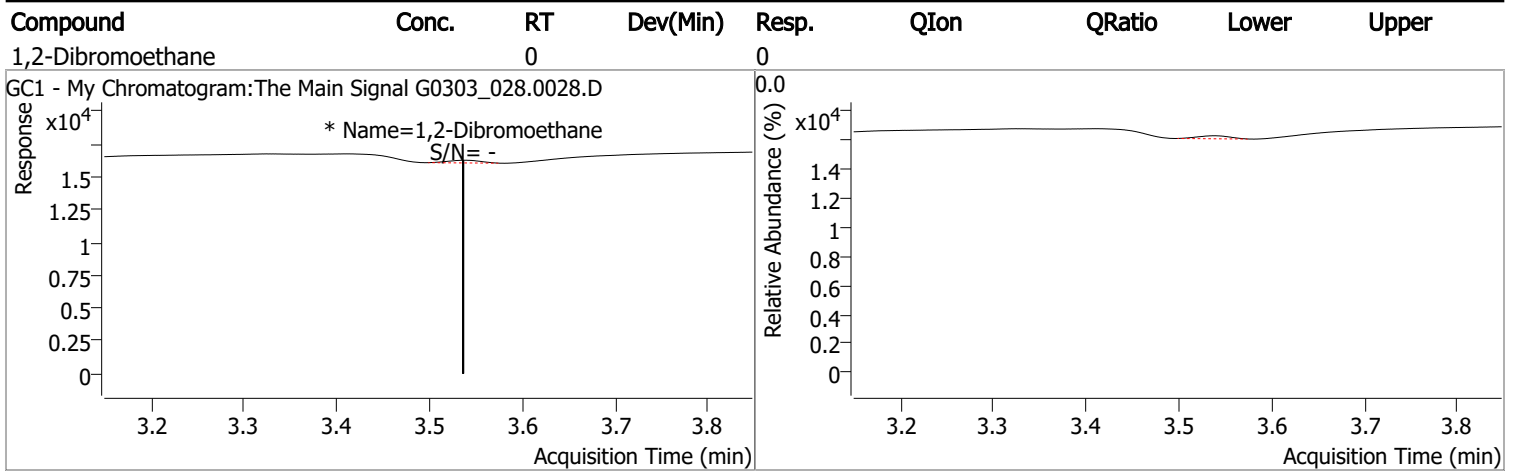
S 1,1,1,2-Tetrachloroethane	4.050	0.0	0		µg/L	md	0.077
Spiked Amount: 0.100	Range: 70.0 - 130.0%				Recovery = NA%		

**Target Compounds**

M 1,2-Dibromoethane	3.536	0.0	0		µg/L	md	<b>QValue</b> 1
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(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

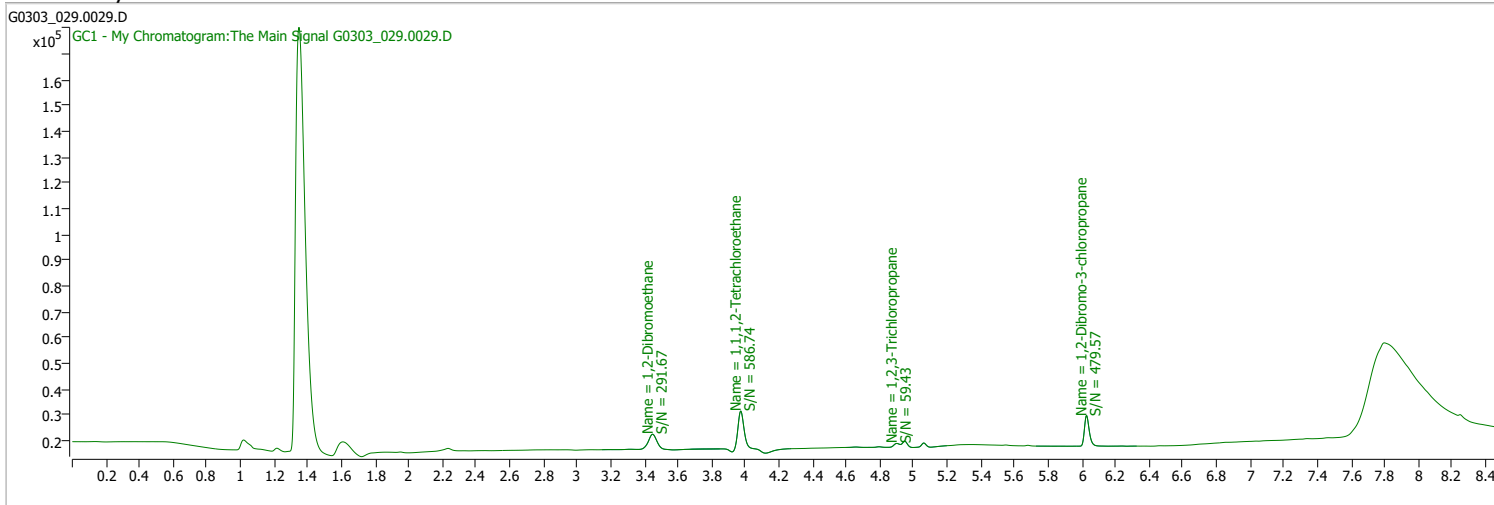
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0303_029.0029.D	Operator	
Acq. Method	testAcqFilePath	Acq. Date-Time	3/3/2022 10:32:10 PM
Sample Name	CK3-164181	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G022422_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G030322_8011_W_CLT.batch.bin	Last Calib Update	2/25/2022 8:11:20 AM

**Ref Library**

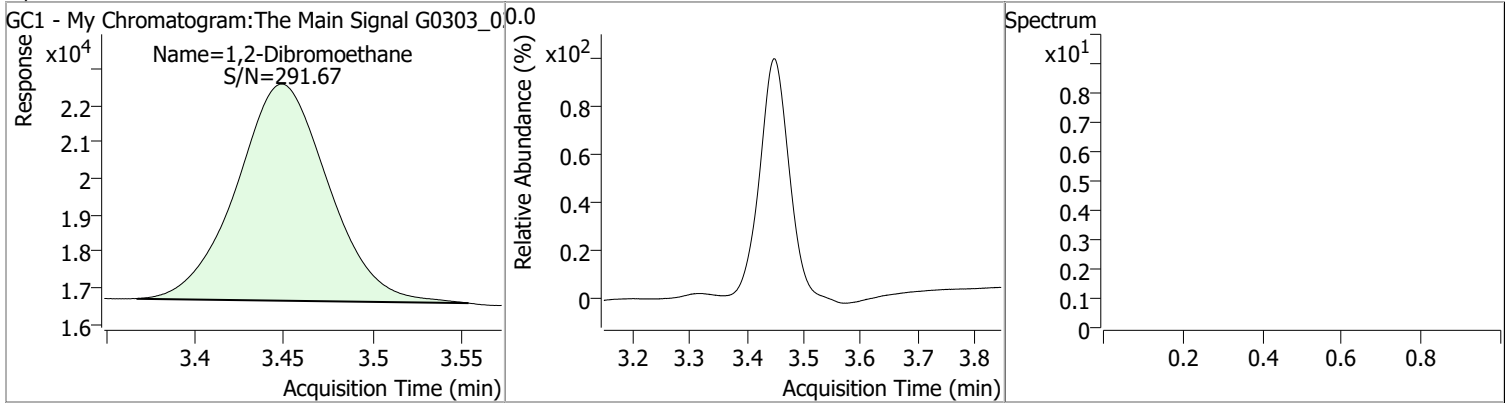


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.973	0.0	36279	0.1084	µg/L	m
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 108.40%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.449	0.0	21346	0.1282	µg/L	QValue 100

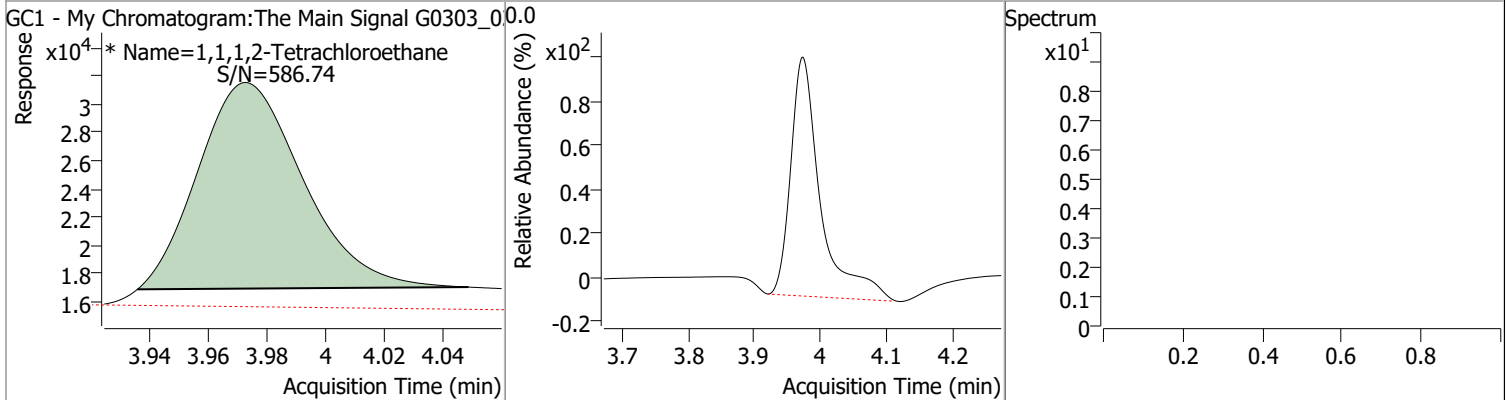
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.1282	3.45	0.00	21346				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1084	3.97	0.00	36279 (m)				





# Audit Trail report

**Batch name and path:** \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\QuantResults\G030322\_8011\_W\_CLT.batch.bin  
**Quant batch version:** 10.0  
**Quant reporting version:** 10.0

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdNewBatchTable	BL2000\ctran	3/3/2022 2:03:33 PM	Create new batch \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G030322_8011_W_CLT.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\ctran	3/3/2022 2:03:38 PM	Add samples from worklist: \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G0303_002.0002.D, \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G0303_001.0001.D			✓	
CmdStartMethodEditing	BL2000\ctran	3/3/2022 2:04:05 PM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\ctran	3/3/2022 2:04:05 PM	Import method from file \\MASSHUNTER\Org\Data\GECD.I\GECD_methods\G022422_8011_W_CLT.m			✓	
CmdApplyMethodToAllSamples	BL2000\ctran	3/3/2022 2:04:11 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\ctran	3/3/2022 2:04:11 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\ctran	3/3/2022 2:04:12 PM	End method editing			✓	
CmdQuantitate	BL2000\ctran	3/3/2022 2:04:12 PM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\ctran	3/3/2022 2:04:22 PM	Set SampleType = CC for sample G0303_002.0002.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/3/2022 2:04:24 PM	Set LevelName = 6 for sample G0303_002.0002.D; previous value =			✓	
CmdQuantitate	BL2000\ctran	3/3/2022 2:04:27 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	3/3/2022 2:04:41 PM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\QuantResults\G030322_8011_W_CLT.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\ctran	3/3/2022 2:51:05 PM	Add samples from worklist: \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G0303_005.0005.D, \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G0303_004.0004.D, \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G0303_003.0003.D			✓	
CmdQuantitate	BL2000\ctran	3/3/2022 2:51:11 PM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\ctran	3/3/2022 2:51:20 PM	Set SampleType = CC for sample G0303_003.0003.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/3/2022 2:51:22 PM	Set LevelName = 5 for sample G0303_003.0003.D; previous value =			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	3/3/2022 2:51:25 PM	Set SampleType = CC for sample G0303_004.0004.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/3/2022 2:51:27 PM	Set LevelName = 5 for sample G0303_004.0004.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/3/2022 2:51:29 PM	Set SampleType = CC for sample G0303_005.0005.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/3/2022 2:51:32 PM	Set LevelName = 6 for sample G0303_005.0005.D; previous value =			✓	
CmdQuantitate	BL2000\ctran	3/3/2022 2:51:33 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	3/3/2022 2:51:44 PM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\QuantResults\G030322_8011_W_CLT.batch.bin			✓	
CmdOpenBatchTable	BL2000\ctran	3/3/2022 4:25:36 PM	Open batch \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G030322_8011_W_CLT.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\ctran	3/3/2022 4:25:47 PM	Add samples from worklist: \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G0303_010.0010.D, \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G0303_009.0009.D, \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G0303_008.0008.D, \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G0303_007.0007.D, \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G0303_006.0006.D			✓	
CmdQuantitate	BL2000\ctran	3/3/2022 4:25:49 PM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\ctran	3/3/2022 4:25:52 PM	Set SampleType = CC for sample G0303_007.0007.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/3/2022 4:25:54 PM	Set LevelName = 3 for sample G0303_007.0007.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/3/2022 4:25:56 PM	Set SampleType = Blank for sample G0303_008.0008.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/3/2022 4:25:59 PM	Set SampleType = QC for sample G0303_009.0009.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/3/2022 4:26:01 PM	Set LevelName = LCS for sample G0303_009.0009.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/3/2022 4:26:06 PM	Set SampleType = QC for sample G0303_010.0010.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/3/2022 4:26:08 PM	Set LevelName = LCS1 for sample G0303_010.0010.D; previous value =			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdQuantitate	BL2000\ctran	3/3/2022 4:26:10 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/3/2022 4:26:57 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0303_007.0007.D, from x, y = 3.936, 16365 to 4.049, 16766, result = 30217; previous integration is from x, y = 3.922, 15521 to 4.103, 15031 and previous response = 42531.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	3/3/2022 4:26:59 PM	Drop baseline for compound 1,1,1,2-Tetrachloroethane in sample G0303_007.0007.D to y = 16365, new integration is from x, y = 3.936, 16365 to 4.049, 16365 and new response = 31580; previous integration is from x, y = 3.936, 16365 to 4.049, 16766 and previous response = 30217.			✓	
CmdClearManualIntegration	BL2000\ctran	3/3/2022 4:27:03 PM	Clear manual integration of target signal for compound 1,1,1,2-Tetrachloroethane in sample G0303_007.0007.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/3/2022 4:27:08 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0303_007.0007.D, from x, y = 3.939, 16642 to 4.053, 16729, result = 29425; previous integration is from x, y = 3.922, 15521 to 4.103, 15031 and previous response = 42531.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/3/2022 4:27:13 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0303_009.0009.D, from x, y = 3.937, 16844 to 4.058, 16755, result = 29499; previous integration is from x, y = 3.920, 15615 to 4.097, 15148 and previous response = 42601.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/3/2022 4:27:18 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0303_010.0010.D, from x, y = 3.938, 16782 to 4.050, 16813, result = 29171; previous integration is from x, y = 3.933, 16317 to 4.096, 15208 and previous response = 38083.			✓	
CmdUpdateRetentionTimes	BL2000\ctran	3/3/2022 4:27:33 PM	Update retention time for compound 1,2,3-Trichloropropane; 1,2-Dibromo-3-chloropropane; 1,2-Dibromoethane; 1,1,1,2-Tetrachloroethane;			✓	
CmdQuantitate	BL2000\ctran	3/3/2022 4:27:35 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	3/3/2022 4:27:47 PM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\QuantResults\G030322_8011_W_CLT.batch.bin			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdOpenBatchTable	BL2000\ctran	3/4/2022 7:38:48 AM	Open batch \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G030322_8011_W_CLT.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\ctran	3/4/2022 7:42:59 AM	Add samples from worklist: \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G0303_029.0029.D, \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G0303_028.0028.D, \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G0303_027.0027.D, \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G0303_026.0026.D, \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G0303_025.0025.D, \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G0303_024.0024.D, \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G0303_023.0023.D, \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G0303_022.0022.D, \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G0303_021.0021.D, \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G0303_020.0020.D, \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G0303_019.0019.D, \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G0303_018.0018.D, \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G0303_017.0017.D, \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G0303_016.0016.D, \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G0303_015.0015.D, \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G0303_014.0014.D, \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G0303_013.0013.D, \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G0303_012.0012.D, \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G0303_011.0011.D			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 7:44:33 AM	Set SampleType = CC for sample G0303_023.0023.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 7:44:35 AM	Set LevelName = 5 for sample G0303_023.0023.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 7:44:39 AM	Set SampleType = CC for sample G0303_029.0029.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 7:44:41 AM	Set LevelName = 3 for sample G0303_029.0029.D; previous value =			✓	
CmdQuantitate	BL2000\ctran	3/4/2022 7:44:43 AM	Quantitate all compounds in all samples			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	3/4/2022 7:44:52 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0303_029.0029.D, from x, y = 3.936, 16865 to 4.048, 17026, result = 36279; previous integration is from x, y = 3.920, 15766 to 4.108, 15295 and previous response = 49520.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/4/2022 7:45:10 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0303_023.0023.D, from x, y = 3.928, 17120 to 4.075, 16729, result = 148832; previous integration is from x, y = 3.921, 15937 to 4.093, 15259 and previous response = 161788.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/4/2022 7:45:18 AM	Manually integrate compound 1,2-Dibromoethane in sample G0303_029.0029.D, from x, y = 3.368, 16710 to 3.535, 16693, result = 20846; previous integration is from x, y = 3.368, 16710 to 3.554, 16592 and previous response = 21346.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/4/2022 7:45:25 AM	Manually integrate compound 1,2-Dibromoethane in sample G0303_029.0029.D, from x, y = 3.368, 16710 to 3.527, 16734, result = 20640; previous integration is from x, y = 3.368, 16710 to 3.535, 16693 and previous response = 20846.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/4/2022 7:45:37 AM	Manually integrate compound 1,2-Dibromoethane in sample G0303_029.0029.D, from x, y = 3.368, 16710 to 3.554, 16589, result = 21361; previous integration is from x, y = 3.368, 16710 to 3.527, 16734 and previous response = 20640.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/4/2022 7:45:39 AM	Manually integrate compound 1,2-Dibromoethane in sample G0303_029.0029.D, from x, y = 3.368, 16710 to 3.535, 16693, result = 20846; previous integration is from x, y = 3.368, 16710 to 3.554, 16589 and previous response = 21361.			✓	
CmdQuantitate	BL2000\ctran	3/4/2022 7:45:45 AM	Quantitate all compounds in all samples			✓	
CmdClearManualIntegration	BL2000\ctran	3/4/2022 7:46:14 AM	Clear manual integration of target signal for compound 1,2-Dibromoethane in sample G0303_029.0029.D			✓	
CmdQuantitate	BL2000\ctran	3/4/2022 7:52:25 AM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 7:53:01 AM	Set SampleType = DoubleBlank for sample G0303_011.0011.D; previous value = Sample			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 7:53:05 AM	Set SampleType = DoubleBlank for sample G0303_022.0022.D; previous value = Sample			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\ctran	3/4/2022 7:53:17 AM	Snap baseline for compound 1,1,1,2-Tetrachloroethane in sample G0303_012.0012.D, from x = 3.922 to x = 4.080, new integration is from x, y = 3.922, 15557 to 4.080, 16432 and new response = 37980; previous integration is from x, y = 3.922, 15556 to 4.080, 16450 and previous response = 37900.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/4/2022 7:53:18 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0303_012.0012.D, from x, y = 4.013, 16782 to 4.053, 16073, result = 1794; previous integration is from x, y = 3.922, 15557 to 4.080, 16432 and previous response = 37980.			✓	
CmdClearManualIntegration	BL2000\ctran	3/4/2022 7:53:19 AM	Clear manual integration of target signal for compound 1,1,1,2-Tetrachloroethane in sample G0303_012.0012.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/4/2022 7:53:26 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0303_012.0012.D, from x, y = 3.937, 16964 to 4.052, 16901, result = 30133; previous integration is from x, y = 3.922, 15556 to 4.080, 16450 and previous response = 37900.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/4/2022 7:53:31 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0303_013.0013.D, from x, y = 3.937, 17036 to 4.048, 16839, result = 28701; previous integration is from x, y = 3.930, 16054 to 4.106, 15128 and previous response = 40277.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/4/2022 7:53:37 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0303_015.0015.D, from x, y = 3.934, 16813 to 4.052, 16828, result = 30795; previous integration is from x, y = 3.919, 15680 to 4.110, 15176 and previous response = 43731.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/4/2022 7:53:43 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0303_016.0016.D, from x, y = 3.937, 16823 to 4.049, 16891, result = 31071; previous integration is from x, y = 3.920, 15672 to 4.108, 15164 and previous response = 44415.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	3/4/2022 7:53:48 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0303_017.0017.D, from x, y = 3.938, 16718 to 4.051, 16922, result = 31924; previous integration is from x, y = 3.920, 15677 to 4.103, 15200 and previous response = 44958.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/4/2022 7:53:55 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0303_018.0018.D, from x, y = 3.938, 16979 to 4.049, 16964, result = 30460; previous integration is from x, y = 3.936, 16677 to 4.082, 16677 and previous response = 33009.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/4/2022 7:54:03 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0303_019.0019.D, from x, y = 3.938, 16887 to 4.057, 16911, result = 30304; previous integration is from x, y = 3.937, 16739 to 4.075, 16739 and previous response = 31592.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/4/2022 7:54:11 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0303_020.0020.D, from x, y = 3.938, 16953 to 4.056, 16906, result = 31124; previous integration is from x, y = 3.934, 16392 to 4.093, 15349 and previous response = 40491.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/4/2022 7:54:22 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0303_021.0021.D, from x, y = 3.938, 16964 to 4.055, 16859, result = 31421; previous integration is from x, y = 3.933, 16196 to 4.098, 15262 and previous response = 41796.			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 7:54:30 AM	Set SampleType = DoubleBlank for sample G0303_024.0024.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 7:54:33 AM	Set SampleType = DoubleBlank for sample G0303_028.0028.D; previous value = Sample			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/4/2022 7:54:39 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0303_025.0025.D, from x, y = 3.939, 16732 to 4.058, 16792, result = 32959; previous integration is from x, y = 3.922, 15646 to 4.114, 15127 and previous response = 45778.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/4/2022 7:54:54 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0303_027.0027.D, from x, y = 3.931, 16380 to 4.046, 15989, result = 43390; previous integration is from x, y = 3.919, 15809 to 4.046, 15989 and previous response = 45439.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	3/4/2022 7:54:57 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0303_027.0027.D, from x, y = 3.931, 16380 to 4.031, 16277, result = 42179; previous integration is from x, y = 3.931, 16380 to 4.046, 15989 and previous response = 43390.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/4/2022 7:55:25 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0303_026.0026.D, from x, y = 3.918, 15155 to 4.028, 15351, result = 39824; previous integration is from x, y = 3.918, 15155 to 4.062, 14716 and previous response = 43045.			✓	
CmdClearManualIntegration	BL2000\ctran	3/4/2022 7:55:34 AM	Clear manual integration of target signal for compound 1,1,1,2-Tetrachloroethane in sample G0303_027.0027.D			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\ctran	3/4/2022 7:55:35 AM	Snap baseline for compound 1,1,1,2-Tetrachloroethane in sample G0303_027.0027.D, from x = 3.919 to x = 4.046, new integration is from x, y = 3.919, 15807 to 4.046, 15964 and new response = 45544; previous integration is from x, y = 3.919, 15809 to 4.046, 15989 and previous response = 45439.			✓	
CmdClearManualIntegration	BL2000\ctran	3/4/2022 7:55:37 AM	Clear manual integration of target signal for compound 1,1,1,2-Tetrachloroethane in sample G0303_027.0027.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/4/2022 7:55:50 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0303_027.0027.D, from x, y = 3.928, 16156 to 4.043, 16286, result = 43161; previous integration is from x, y = 3.919, 15809 to 4.046, 15989 and previous response = 45439.			✓	
CmdClearManualIntegration	BL2000\ctran	3/4/2022 7:55:55 AM	Clear manual integration of target signal for compound 1,1,1,2-Tetrachloroethane in sample G0303_026.0026.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/4/2022 7:56:01 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0303_026.0026.D, from x, y = 3.927, 15573 to 4.049, 15276, result = 39163; previous integration is from x, y = 3.918, 15155 to 4.062, 14716 and previous response = 43045.			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	3/4/2022 7:56:05 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0303_026.0026.D, from x, y = 3.923, 15391 to 4.049, 15276, result = 39867; previous integration is from x, y = 3.927, 15573 to 4.049, 15276 and previous response = 39163.			✓	
CmdZeroOutPeak	BL2000\ctran	3/4/2022 7:57:32 AM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0303_028.0028.D			✓	
CmdZeroOutPeak	BL2000\ctran	3/4/2022 7:57:33 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0303_028.0028.D			✓	
CmdZeroOutPeak	BL2000\ctran	3/4/2022 7:59:17 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0303_006.0006.D Zero out primary peak of compound 1,2-Dibromoethane in sample G0303_008.0008.D Zero out primary peak of compound 1,2-Dibromoethane in sample G0303_011.0011.D Zero out primary peak of compound 1,2-Dibromoethane in sample G0303_022.0022.D Zero out primary peak of compound 1,2-Dibromoethane in sample G0303_024.0024.D			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/4/2022 8:00:15 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0303_007.0007.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/4/2022 8:00:24 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0303_023.0023.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/4/2022 8:00:30 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0303_029.0029.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 8:00:35 AM	Set SampleApproved = True for sample G0303_029.0029.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 8:00:44 AM	Set SampleApproved = True for sample G0303_023.0023.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 8:00:51 AM	Set SampleApproved = True for sample G0303_007.0007.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 8:00:59 AM	Set SampleType = DoubleBlank for sample G0303_006.0006.D; previous value = Sample			✓	
CmdZeroOutPeak	BL2000\ctran	3/4/2022 8:01:08 AM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0303_006.0006.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\ctran	3/4/2022 8:01:11 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0303_006.0006.D			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 8:01:12 AM	Set SampleApproved = True for sample G0303_006.0006.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 8:01:16 AM	Set SampleApproved = True for sample G0303_011.0011.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	3/4/2022 8:01:25 AM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0303_022.0022.D			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 8:01:26 AM	Set SampleApproved = True for sample G0303_022.0022.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	3/4/2022 8:01:30 AM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0303_024.0024.D			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 8:01:32 AM	Set SampleApproved = True for sample G0303_024.0024.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 8:01:36 AM	Set SampleApproved = True for sample G0303_028.0028.D; previous value = False			✓	
CmdQuantitate	BL2000\ctran	3/4/2022 8:01:41 AM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 11:23:05 AM	Set SampleApproved = True for sample G0303_005.0005.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 11:23:06 AM	Set SampleApproved = True for sample G0303_004.0004.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 11:23:06 AM	Set SampleApproved = True for sample G0303_003.0003.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 11:23:06 AM	Set SampleApproved = True for sample G0303_002.0002.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 11:23:07 AM	Set SampleApproved = True for sample G0303_001.0001.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/4/2022 11:23:31 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0303_008.0008.D, from x, y = 3.936, 16516 to 4.048, 16776, result = 29152; previous integration is from x, y = 3.923, 15522 to 4.083, 16123 and previous response = 36253.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/4/2022 11:23:34 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0303_008.0008.D; previous value =			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 11:23:39 AM	Set SampleApproved = True for sample G0303_008.0008.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/4/2022 11:23:46 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0303_009.0009.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/4/2022 11:23:53 AM	Manually integrate compound 1,2-Dibromoethane in sample G0303_009.0009.D, from x, y = 3.368, 16596 to 3.537, 16484, result = 33780; previous integration is from x, y = 3.368, 16596 to 3.511, 16677 and previous response = 32940.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/4/2022 11:23:56 AM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G0303_009.0009.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 11:23:58 AM	Set SampleApproved = True for sample G0303_009.0009.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/4/2022 11:24:05 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0303_010.0010.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 11:24:10 AM	Set SampleApproved = True for sample G0303_010.0010.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	3/4/2022 11:24:21 AM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0303_011.0011.D			✓	
CmdZeroOutPeak	BL2000\ctran	3/4/2022 11:24:26 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0303_012.0012.D			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/4/2022 11:24:30 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0303_012.0012.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 11:24:32 AM	Set SampleApproved = True for sample G0303_012.0012.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/4/2022 11:24:34 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0303_013.0013.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	3/4/2022 11:24:39 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0303_013.0013.D			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 11:24:40 AM	Set SampleApproved = True for sample G0303_013.0013.D; previous value = False			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\ctran	3/4/2022 11:24:44 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0303_014.0014.D			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 11:24:49 AM	Set SampleApproved = True for sample G0303_014.0014.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/4/2022 11:24:52 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0303_015.0015.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	3/4/2022 11:24:55 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0303_015.0015.D			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 11:24:59 AM	Set SampleApproved = True for sample G0303_015.0015.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/4/2022 11:25:02 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0303_016.0016.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	3/4/2022 11:25:05 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0303_016.0016.D			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 11:25:06 AM	Set SampleApproved = True for sample G0303_016.0016.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	3/4/2022 11:26:25 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0303_017.0017.D			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/4/2022 11:26:28 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0303_017.0017.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 11:26:29 AM	Set SampleApproved = True for sample G0303_017.0017.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/4/2022 11:26:32 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0303_018.0018.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	3/4/2022 11:26:35 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0303_018.0018.D			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 11:26:36 AM	Set SampleApproved = True for sample G0303_018.0018.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	3/4/2022 11:26:38 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0303_019.0019.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\ctran	3/4/2022 11:26:42 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0303_019.0019.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 11:26:44 AM	Set SampleApproved = True for sample G0303_019.0019.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/4/2022 11:26:46 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0303_020.0020.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 11:26:51 AM	Set SampleApproved = True for sample G0303_020.0020.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/4/2022 11:26:58 AM	Manually integrate compound 1,2-Dibromoethane in sample G0303_021.0021.D, from x, y = 3.370, 16670 to 3.530, 16604, result = 37328; previous integration is from x, y = 3.370, 16670 to 3.515, 16794 and previous response = 36467.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/4/2022 11:27:41 AM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G0303_021.0021.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/4/2022 11:27:46 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0303_021.0021.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 11:27:47 AM	Set SampleApproved = True for sample G0303_021.0021.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/4/2022 11:28:22 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0303_025.0025.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	3/4/2022 11:28:25 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0303_025.0025.D			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 11:28:26 AM	Set SampleApproved = True for sample G0303_025.0025.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	3/4/2022 11:28:28 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0303_026.0026.D			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/4/2022 11:28:33 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0303_026.0026.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/4/2022 11:28:43 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0303_027.0027.D; previous value =			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\ctran	3/4/2022 11:28:47 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0303_027.0027.D			✓	
CmdZeroOutPeak	BL2000\ctran	3/4/2022 11:28:50 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0303_026.0026.D			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 11:28:51 AM	Set SampleApproved = True for sample G0303_026.0026.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 11:28:51 AM	Set SampleApproved = True for sample G0303_027.0027.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 11:34:51 AM	Set SampleType = MatrixBlank for sample G0303_019.0019.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 11:34:53 AM	Set SampleType = Matrix for sample G0303_020.0020.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 11:34:56 AM	Set SampleType = MatrixDup for sample G0303_021.0021.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 11:35:01 AM	Set MatrixSpikeGroup = G17631 for sample G0303_019.0019.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 11:35:03 AM	Set MatrixSpikeGroup = G17631 for sample G0303_021.0021.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/4/2022 11:35:04 AM	Set MatrixSpikeGroup = G17631 for sample G0303_020.0020.D; previous value =			✓	
CmdQuantitate	BL2000\ctran	3/4/2022 11:35:07 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	3/4/2022 11:38:05 AM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\QuantResults\G030322_8011_W_CLT.batch.bin			✓	
CmdSaveBatchTable	BL2000\ctran	3/4/2022 11:40:54 AM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\QuantResults\G030322_8011_W_CLT.batch.bin			✓	
CmdOpenBatchTable	BL2000\ctran	3/11/2022 12:52:20 PM	Open batch \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\G030322_8011_W_CLT.batch.bin			✓	
GenerateReport	BL2000\ctran	3/11/2022 1:05:52 PM	Generates report - Method: \\MASSHUNTER\Org\reports\Env_QuantResults_wGraphics+Chromatogram.m, Output Path: \\MASSHUNTER\Org\Data\GECD.I\G030322\aiexport\QuantReports\G030322_8011_W_CLT			✓	



ID #: 13327

Opened:

Calibration Standard

Expires: 12/31/2023

Rec'd: 12/11/2020

Energy Laboratories Inc 1120 So. 27th Street  
Billings MT 59107

# Certificate of Analysis

**Product Name:** Calibration Standard**Product Number:** DWM-514-1**Lot Issue Date:** 08-Dec-2020**Lot Number:** 0006573696**Expiration Date:** 31-Dec-2023**Description:**

This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
1,2-dibromo-3-chloropropane	000096-12-8	RM12895	200.7 ± 1.0 µg/mL
1,2-dibromoethane	000106-93-4	RM00018	200.2 ± 1.0 µg/mL
1,2,3-trichloropropane	000096-18-4	RM13082	200.4 ± 1.0 µg/mL

**Matrix:** methanol (methyl alcohol)**Storage Conditions:** Store Frozen (-25° to -10°C).**Traceability:**

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCCL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**

This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Intended Use:**

This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

**Instructions for Use:**

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Hazards:**

Refer to the Safety Data Sheet on [www.agilent.com](http://www.agilent.com) for information regarding this RM.

ISO 17034 Cert  
No. AR-1936RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality  
Management System. Cert # 56 100 18560026

Page: 1 of 2

[www.agilent.com/quality/](http://www.agilent.com/quality/)  
CSD-QA-015.1ISO 17025 Cert  
No. AT-1937

# Certificate of Analysis

**Product Number:** DWM-514-1

**Lot Number:** 0006573696

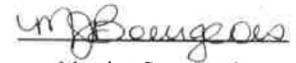
**Expiration of Certification:**

The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

**Maintenance of Certification:**

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**



Monica Bourgeois  
QMS Representative



ISO 17034 Cert  
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

Page: 2 of 2

[www.agilent.com/quality/](http://www.agilent.com/quality/)  
CSD-QA-015.1



ISO 17025 Cert  
No. AT-1937



# Energy Laboratories Inc

# Spike LOG

Standard ID: PH121120504P  
Standard Name: 504.1 Mix (200ug/mL) MeOH  
Date Prepared: 12/11/2019  
Date Expires: 12/31/2023  
Department: PST/HRBPR  
Vendor: Agilent  
Lot Number: 0006573696  
Balance ID:

Type: Primary  
BY: Selina R. Cox  
Status: New

Comments: Date prepped is same as date received. [200ug/mL] MeOH. Recieved x4 1mL vials.

---

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Calibration Standard	13327	4	mL	12/31

**Final Volume:** 1 mL

Stock Source

**Base Units**

**Amount Added**

Analvtes

**CAS**

Conc: **ug/mL**

# Energy Laboratories Inc

# Standard LOG

Standard ID: PH011122504C3  
Standard Name: 504.1 Cal Stock 3(0.7ug/mL) MeOH  
Date Prepared: 1/11/2022  
Date Expires: 2/12/2023  
Department: PST/HRBPR  
Vendor:  
Lot Number:  
Balance ID:

Type: Secondary  
BY: Carry L Tran  
Status: New

Comments: Final concentration = 0.7ug/mL Vol Flask# - EX-0117. Concentration represents both calmix and surrogate. 4/27/21 SRC.

---

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap EA899	13926	9.895	mL	2/12/
1, 1, 1, 2-Tetrachloroethane Standard	14248	0.07	mL	11/30

**Final Volume:** 10 mL

Stock Source

PH121120504P 504.1 Mix (200ug/mL) MeOH

**Base Units**

ug/mL

**Amount Added**

0.035 mL

Analvtes

**CAS**

Conc: ug/mL

# Energy Laboratories Inc

# Standard LOG

Standard ID: PH011122504C2  
Standard Name: 504.1 Cal Stock 2(0.07ug/mL) MeOH  
Date Prepared: 1/11/2022  
Date Expires: 2/12/2023  
Department: PST/HRBPR  
Vendor:  
Lot Number:  
Balance ID:  
Comments: Final concentration = 0.07ug/mL Vol Flask# - EX-0117

Type: Tertiary  
BY: Carry L Tran  
Status: New

---

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap EA899	13926	9	mL	2/12/

**Final Volume:** 10 mL

Stock Source  
PH011122504C3 504.1 Cal Stock 3(0.7ug/mL) MeOH

**Base Units**  
ug/mL

**Amount Added**  
1 mL

Analvtes

**CAS**

Conc: **ug/mL**

# Energy Laboratories Inc

# Standard LOG

Standard ID: PH011122504C1  
Standard Name: 504.1 Cal Stock 1(0.007ug/mL) MeOH  
Date Prepared: 1/11/2022  
Date Expires: 2/12/2023  
Department: PST/HRBPR  
Vendor:  
Lot Number:  
Balance ID:  
Type: Tertiary  
BY: Carry L Tran  
Status: New  
Comments: Final concentration = 0.007ug/mL Vol Flask# - EX-0117

---

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap EA899	13926	9	mL	2/12/

**Final Volume:** 10 mL

Stock Source  
PH011122504C2 504.1 Cal Stock 2(0.07ug/mL) MeOH

**Base Units**  
ug/mL

**Amount Added**  
1 mL

Analvtes

**CAS**

Conc: **ug/mL**



# Certificate of Analysis

ID #: 14248

Opened: \_\_\_\_\_

1, 1, 1, 2-Tetrachloroethane Standard

Expires: 11/30/2024

Rec'd: 9/7/2021

Energy Laboratories Inc 1120 So. 27th Street  
Billings MT 59107

**Product Name:** 1,1,1,2-Tetrachloroethane Standard

**Product Number:** HC-410-1

**Lot Issue Date:** 27-Oct-2020

**Lot Number:** 0006567948

**Expiration Date:** 30-Nov-2024

**Description:**

This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
1,1,1,2-tetrachloroethane	000630-20-6	RM12632	99.9 ± 0.5 µg/mL

**Matrix:** methanol (methyl alcohol)

**Storage Conditions:** Store Frozen (-25° to -10°C).

**Traceability:**

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCCL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**

This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Intended Use:**

This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

**Instructions for Use:**

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Hazards:**

Refer to the Safety Data Sheet on [www.agilent.com](http://www.agilent.com) for information regarding this RM.

**Expiration of Certification:**

The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

**Maintenance of Certification:**

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**

Monica Bourgeois  
QMS Representative



ISO 17034 Cert  
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

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[www.agilent.com/quality/](http://www.agilent.com/quality/)  
CSD-QA-015.1



ISO 17025 Cert  
No. AT-1937

# CERTIFICATE OF ANALYSIS

**Catalog No:** M-504.1-LFB  
**Description:** Laboratory Fortified Blank Sample Concentrate  
**Lot:** 220021015  
**Solvent:** Methanol  
**Hazards:** Refer to SDS for complete safety information

**Date Certified:** Feb 6, 2020  
**Expiration:** Feb 6, 2023  
**Sample Size:** 1 mL  
**Components:** 3  
**Storage Condition:** Ambient (>5 °C)



Signal Word: Danger

Certified Reference Material



Component	CAS #	Purity % (GC/FID)	Prepared Concentration <sup>2</sup> (µg/mL)	Certified Analyte Concentration <sup>1</sup> (µg/mL)
1,2-Dibromoethane	106-93-4	99.9	0.2503	0.2500
1,2-Dibromo-3-chloropropane	96-12-8	100.0	0.2505	0.2505
1,2,3-Trichloropropane	96-18-4	99.0	0.2503	0.2478

ID #: 14729

Opened:

Laboratory Fortified Blank Sample Concentrate  
Expires: 2/6/2023

Rec'd: 1/6/2022

Energy Laboratories Inc 1120 Sp. 27th Street  
Billings MT 59107

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix. Matrix blank to be used for background correction.

<sup>2</sup> All weights are traceable through NIST, Test No. 684/289871-17

<sup>1</sup> Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

The information on this certificate may not be reproduced without the express permission of the manufacturer. See reverse side for additional information.

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By:

Larry Decker, Organic QC Manager

ISO 17034

ID #: 14328

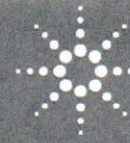
Opened:

1,1,1,2-Tetrachloroethane Solution

Expires: 10/31/2025

Rec'd: 9/29/2021

Energy Laboratories Inc 1120 So. 27th Street  
Billings MT 59107



Agilent

Trusted Answers

## Reference Material Certificate

**Product Name:** 1,1,1,2-Tetrachloroethane Standard

**Lot Number:** 0006633034

**Product Number:** HC-410-1

**Lot Issue Date:** 27-Sep-2021

**Storage Conditions:** Store Frozen (-25° to -10°C).

**Expiration Date:** 31-Oct-2025

Component Name	CERTIFIED VALUES		CAS#	Analyte Lot
	Concentration	Expanded Uncertainty		
1,1,1,2-tetrachloroethane	100.4	± 0.5 µg/mL	000630-20-6	RM12632

**Matrix:** methanol (methyl alcohol)

### Description:

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

### Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

### Homogeneity:

This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

### Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

### Safety:

Refer to the Safety Data Sheet on [www.agilent.com](http://www.agilent.com) for information regarding this analytical reference material.

### Intended Use:

This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

### Expiration of Certification:

The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

ISO 17034



**Maintenance of Certification:**

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**

Monica Bourgeois  
QMS Representative



ISO 17034 Cert  
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015  
Quality Management System. Cert# 951215321

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[www.agilent.com/quality/](http://www.agilent.com/quality/)  
CSD-QA-015.1



ISO 17025 Cert  
No. AT-1937



# Energy Laboratories Inc

# Standard LOG

Standard ID: PH021622504SU  
Standard Name: 504.1 Surrogate (0.1ug/mL)MeOH  
Date Prepared: 2/16/2022  
Date Expires: 3/20/2023  
Department: PST/HRBPR  
Vendor:  
Lot Number:  
Balance ID:  
Comments: Final Concentration = (0.1ug/mL) Vol Flask: EX-0117

Type: Secondary  
BY: Carry L Tran  
Status: New

---

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap - EB679	14746	9.99	mL	5/28/
1,1,1,2-Tetrachloroethane Solution	14328	0.01	mL	10/31

**Final Volume:** 10 mL

Stock Source

**Base Units**

**Amount Added**

Analtes

**CAS**

Conc: **ug/mL**